STATE LUNATIC HOSPITAL

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PUBLIC DOCUMENT..... .....No. 23.

THIRTY-SEVENTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL

AT

WORCESTER.

OCTOBER, 1869.

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Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor, and the Honorable Council of the Commonwealth of Massachusetts.

The Trustees of the Worcester Lunatic Hospital respectfully submit their Thirty-Seventh Annual Report.

The Trustees refer to the reports of the Superintendent and Treasurer of the hospital for its present condition and prospects. The finances of the institution have steadily improved since the close of the war, and are in a satisfactory condition. Prices of all articles of consumption still remain high, and the cost of the support of patients cannot reasonably be expected to be much less than at present, until prices are lower. If the price of coal had remained the same as it was during the previous year, and no more had been expended for improvements and repairs, the weekly cost of each patient would have been $3.67 per week. It has been $4.02 per week. The result of the financial management for the year is a balance in the treasury of $13,372.69.

The report of the Superintendent shows that the number of patients admitted during the year ending October 1, 1869, was 337, and that the number admitted during the year ending October 1, 1868, was 296. It further shows that the number of deaths during the past year has been somewhat larger than usual, although there has been but little sickness in the hospital during the year. The increase in the number of deaths has been among those advanced in life, twelve of whom had reached their seventieth year, and several others had passed their sixty-fifth year. Among patients who have been insane less than one year, the proportion of recoveries has been 72 per cent., and among those who have been insane more than one year it has been 28 per cent. After deducting the deaths, the proportion

of recoveries has been more than 50 per cent. among the whole number discharged. The proportion of those discharged during the past year recovered and improved has been considerably larger, and the proportion of those discharged unimproved has been considerably less than during the previous year. These facts do not prove that the patients have been more skilfully treated, but they tend very strongly to prove that if a patient is seasonably brought under treatment at the hospital, his chance for improvement or recovery is better than in cases where the opportunity is neglected. In most cases of mental disturbance it seems to us perfectly clear that a well managed hospital where the treatment of insanity is made a specialty, gives to the patient a better opportunity for improvement and recovery than any other place, and that the mistaken kindness of friends in delaying to give to the patient the benefit of the hospital treatment too often operates to the disadvantage of the person whose mind is diseased. In this connection the Trustees deem it to be their duty to call the attention of the State government to the matter of a removal of the hospital buildings from their present location, and the construction of new buildings substantially in accordance with the views of the Superintendent in his report herewith presented. The action of the Superintendent has received the hearty approval of the Trustees, and they unanimously recommend the purchase of the beautiful tract of land of which the Superintendent, with the approval of the Trustees, has obtained the refusal, and the erection of suitable buildings thereon. The location of the estate is about two miles distant from Main Street, is easily accessible, is in a quiet neighborhood, occupied by respectable agriculturists, with beautiful scenery in every direction, and with every advantage of pure and wholesome air which can be procured in the county of Worcester. Indeed, it is doubtful whether any part of the State could furnish a more desirable location for a lunatic hospital than the one which we have had the good fortune to secure. Those having the immediate management of the Worcester Lunatic Hospital have long felt that a more retired situation than that of the present hospital was very desirable, and that improvement in hospital buildings, and in the management of the insane since the time when the present hospital was located and built, made it their duty to recommend the erection of new hospital buildings in a more

quiet location, and upon an improved plan better fitted for the various classes of the insane, especially when the property occupied for the purposes of the present hospital will sell for money enough to pay for the land and the new buildings. The Trustees do not advise an immediate sale of the estate, but sales from time to time as the market shall seem to demand, and that some person or persons be authorized by the legislature to sell and convey the present estate, or parts of the same, whenever it shall be considered advisable to do so. In all diseases, and especially in diseases of the mind, much depends upon the surroundings. If the evil spirit was driven out of Saul by the soothing influence of the harp in the hands of the sweet singer of Israel, and the demon was cast out of the wild Gadarene by the Divine power of disinterested love, so will the surroundings of kindness, suitable restraint, skilful attention, and an atmosphere of purity and quietness tend to loosen the power of those mental diseases which take the form of delusion, and banish them from those secret recesses of the human system, where they have taken up their abode. The report of the Superintendent upon the facts relative to the institution are so full and satisfactory, that it only remains for the Trustees to express their unanimous approval of its management during the past year, and to recommend that the legislature take prompt and efficient action upon the subject of the purchase of the real estate and the erection of new hospital buildings, and make such appropriations as will enable those who may be intrusted with the duties involved in the important changes suggested, to proceed at once towards accomplishing what in the opinion of the Trustees is due to the cause of humanity and to the character of the Commonwealth of Massachusetts.

Very respectfully submitted by the Trustees,

CHARLES MATTOON.
HENRY CHAPIN.
WILLIAM WORKMAN.
S. E. SEWALL.
R. W. HOOPER.

WORCESTER, October 15, 1869.

TREASURER'S REPORT.

To the Trustees of the Worcester Lunatic Hospital.

GENTLEMEN:—I herewith submit my Annual Report on the finances of the Worcester Lunatic Hospital, for the year ending Sept. 30, 1869.

RECEIPTS.

Cash on hand September 30, 1868,	$4,161 15
received of the Commonwealth for support of patients,	19,818 88
received of cities and towns for support of patients,	30,414 67
received of individuals for support of patients,	40,412 19
received for sale of farm products,	2,574 85
	$97,381 74

The expenditures of the year have been as follows:—

Provisions,—	
Flour, 517 bbls.,	$5,161 71
Meal for table,	1,022 28
Fresh meats,	4,171 77
Salt meats,	4,037 17
Beans, potatoes and other vegetables,	1,894 82
Fish,	973 41
Sugar,	2,340 42
Molasses and syrup,	485 06
Tea,	1,100 48
Coffee and chocolate,	939 13
Rice and crackers,	650 30
Butter,	5,596 03
Vinegar and pickles,	196 35
Cheese,	118 05
Fresh fruit,	282 29
Eggs, salt and other groceries,	1,857 84
Total for provisions,	$30,827 11
Salaries and wages,	20,603 37
Labor,	2,357 76
Provender and bedding for stock,	2,005 82

Furniture, crockery, bedding, &c.,	$4,727 26	
Light,	1,470 03	
Soap,	800 49	
Medical supplies,	1,446 67	
Live stock,	395 00	
Improvements and repairs,	6,129 82	
Travelling and transportation,	348 29	
Books, papers and stationery,	690 31	
Fuel,	8,421 67	
Freight and express,	192 67	
Ice,	408 20	
Trustees' expenses,	126 85	
Miscellaneous,	2,396 10	
Total current expenses,	$83,347 42	
Refunded for overpayment,	207 41	
Clothing and materials,	2,776 05	
Undertaker's charges,	895 75	
Balance of loan,	4,500 00	
Cash on hand, September 30, 1869,	5,655 11	
		$97,381 74

RESOURCES.

Due from cities and towns,	$9,357 24	
Due from individuals,	10,529 41	
Cash on hand, and in bank,	5,655 11	
		$25,541 76

LIABILITIES.

Due for supplies and expenses,	$7,151 75	
Due for salaries and wages,	5,017 32	12,169 07
		$13,372 69
Invested funds, (market value,)		2,120 00
Total surplus,		$15,492 69

D. W. BEMIS, *Treasurer.*

WORCESTER LUNATIC HOSPITAL,
WORCESTER, Oct. 1, 1869.

We have examined the above account, with the vouchers, and find it correct.

WILLIAM WORKMAN,
HENRY CHAPIN,
Auditing Committee.

WORCESTER, Oct. 23, 1869.

OFFICERS OF THE HOSPITAL.

Trustees.

Hon. CHARLES MATTOON, ...	Greenfield.
Hon. HENRY CHAPIN, ...	Worcester.
WILLIAM WORKMAN, M. D., ...	Worcester.
Hon. SAMUEL E. SEWALL, ...	Boston.
ROBERT W. HOOPER, M. D., ...	Boston.

Resident-Officers.

SUPERINTENDENT AND PHYSICIAN:
MERRICK BEMIS, M. D.

ASSISTANT-PHYSICIAN—MALE DEPARTMENT:
JOSEPH DRAPER, M. D.

ASSISTANT-PHYSICIAN—FEMALE DEPARTMENT:
MARY H. STINSON, M. D.

MATRON:
CAROLINE A. BEMIS.

STEWARD AND TREASURER:
DANIEL W. BEMIS.
Office at the Hospital.

Chaplain:

Rev. GEORGE ALLEN.

SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester Lunatic Hospital.

GENTLEMEN:—In obedience to the laws of the Commonwealth, I have the honor to submit to you the Thirty-Seventh Annual Report of the Worcester Lunatic Hospital.

The year has been one of comparative comfort and prosperity. No severe sickness has visited the inmates. No calamity has befallen the institution, and nothing has occurred to mar its general quiet and good order.

Our aim has been to maintain the high character of the hospital, increase its usefulness, and to multiply its curative facilities.

Whatever of good we have been able to accomplish must be attributed mainly to your constant oversight, ready assistance and wise direction in all the affairs of the institution. From your frequent visits and thorough examinations into all its departments you have been able to comprehend the difficulties under which we labor, and have manifested an anxious solicitude to promote in every way possible the well-being of the hospital.

For the general results of the year, and the condition of the patients in detail, you are respectfully referred to the following tabular statements, and such explanatory remarks as may accompany them.

However far short the hospital may have fallen of accomplishing all that was desired, it has certainly continued, with a tolerable degree of success, the great work of Christian charity, and the trustees may have satisfaction in reviewing the labors of the year, and ascribe the praise for the good which has been accomplished to Him who watches over and directs all things.

TABLE No. 1.

Showing the general results during the year.

	Males.	Females.	Total.
Patients in the Hospital, October 1, 1868, .	188	194	382
Admitted during the year, ...	171	166	337
Whole number under treatment, . . .	359	360	719
Discharged recovered, ...	69	80	149
improved, ...	63	73	136
not improved, ...	9	2	11
Died, ...	28	19	47
Whole number discharged, ...	169	174	343
Remaining, September 30, 1869, . . .	190	186	376

From this table, it appears that three hundred and thirty-seven patients were admitted during the year just closed, of whom one hundred and seventy-one were males and one hundred and sixty-six were females.

At the close of the previous year there were three hundred and eighty-two patients remaining in the hospital, of whom one hundred and eighty-eight were males, and one hundred and ninety-four were females, so that there were seven hundred and nineteen persons under treatment in the course of the year, of whom three hundred and fifty-nine were males, and three hundred and sixty were females ; the daily average was three hundred and eighty-seven.

The number of patients discharged was three hundred and forty-three, of whom one hundred and sixty-nine were males, and one hundred and seventy-four were females.

Of the three hundred and forty-three patients discharged, one hundred and forty-nine were restored to their usual health of body and mind, one hundred and thirty-six were improved, many of them so much so as to be able to return to their ordinary duties, and eleven were discharged as not improved.

Forty-seven patients were removed by death, of whom twenty-eight were males and nineteen were females. The recoveries were in the ratio of more than forty-four per cent. to the number of admissions, or more than forty per cent. to the average number under treatment ; or twenty-two per cent. to the whole number in the hospital during the year; or forty per

cent. to the whole number discharged after deducting the number of those who died. The recoveries were also in the ratio of seventy-two per cent. to the number of those whose insanity had existed less than one year, and only twenty-eight per cent. to the number of those who had been insane more than one year previous to admission to the hospital.

You will perceive that the percentage of recoveries is somewhat greater than last year, a gratifying result when compared with similar tables from old and long-established hospitals.

The ratio of deaths to the whole number under treatment was six and six-tenths per cent. to the average number of residents.

An examination of the records of the hospital will show that eight thousand five hundred and thirty-five patients have been admitted to its wards since it was opened in January, 1833, four thousand two hundred and sixty-six of whom were males and four thousand two hundred and sixty-nine were females.

Of this number, three thousand nine hundred and seventy-four have been restored to health, giving a ratio of nearly fifty per cent. of recoveries after deducting the number of those who remain under treatment.

One thousand seven hundred and forty-eight have been discharged improved in health of body and mind, very many of whom have passed a long period of time in great comfort, and are and have been useful members of the communities in which they live. The number of those discharged as improved added to the number of recoveries makes the number of those who have received benefit by a residence in the institution five thousand seven hundred and twenty-two.

Thus much the hospital has been the means, in some degree at least, of accomplishing: it has certainly been instrumental in sending back to the world, in health and happiness, three thousand nine hundred and seventy-four individuals who had been deprived of their reason.

It has been the means of restoring to a tolerable degree of health and comfort one thousand seven hundred and forty-eight persons who did not fully recover within its wards, but many of whom were restored to such a measure of health and strength as to enable them to return to their accustomed occupations and assist in the care of themselves and their families.

And more than this, it has afforded peace, comfort and security to a large and troubled household during nearly thirty-seven years.

The hospital has taken from families and friends, from poor-houses and prisons, from the streets and by-ways the sick and sorrowing, the violent and dangerous, the suicidal and homicidal, the idiot, the drunkard and debauchee when lost to all hope and self-respect, and has given back to society, in full possession of mental and physical health and strength, nearly one-half of all it has ever received. In addition to this, it has also relieved and sent back, in comparative comfort, though not cured, more than one-fifth of the whole number committed to its care. Besides all this, thousands upon thousands of relatives and friends have been relieved from dreadful anxiety, from excessive care and from constant danger by the hospital thus taking charge of those for whom they could do little or nothing.

All this and more has been accomplished by the hospital at the cost of less than two hundred thousand dollars to the State for buildings, fixtures and land, and to the patients, their friends and the Commonwealth of not more than an average expense of one-half year's support for each individual so returned.

In view of these facts, you may indulge a reasonable degree of satisfaction and be encouraged to press upon the legislature such measures as you deem necessary to its future usefulness and prosperity.

Table No. 2.

Showing the Admissions and State of the Hospital from October 1, 1868, *to September* 30, 1869.

	Males.	Females.	Total.
Patients in the Hospital, October 1, 1868, . . .	188	194	382
admitted in the course of the year, . .	171	166	337
remaining in the Hospital, Sept. 30, 1869, .	190	186	376
Of the admissions there were cases of one year or less duration, ...	94	108	202
Of the admissions there were cases of more than one year's duration, ...	63	54	117
Of the admissions there were cases the duration of whose insanity could not be ascertained, . .	14	4	18
Patients committed by Courts, ...	118	108	226
committed by Overseers of the Poor, . .	20	11	31
on bonds, ...	32	46	78
committed by Governor's warrant, . .	–	–	–
committed by the Board of State Charities, .	1	1	2
committed by Commissioners of Lunacy, .	–	–	–
Foreigners and those having no settlement in the State, committed in course of the year, . . .	68	69	137
Foreigners and those having no settlement in the State, discharged in course of the year, . . .	85	96	181
Foreigners and those having no settlement in the State, remaining in the Hospital, Sept. 30, 1869, .	30	21	51
Patients in Hospital previously, ...	53	42	95
in other Hospitals in this State previously, .	8	9	17
in Hospitals of other States previously, .	8	6	14

State Paupers remaining in the Hospital at the close of each year as nearly as can be ascertained.

1842, . . .	34	1852, . .	241	1862, . . .	189
1843, . . .	38	1853, . .	216	1863, . . .	175
1844, . . .	38	1854, . .	151	1864, . . .	116
1845, . . .	57	1855, . .	115	1865, . . .	91
1846, . . .	52	1856, . .	155	1866, . . .	129
1847, . . .	121	1857, . .	119	1867, . . .	101
1848, . . .	150	1858, . .	121	1868, . . .	95
1849, . . .	167	1859, . .	124	1869, . . .	51
1850, . . .	181	1860, . .	130		
1851, . . .	201	1861, . .	156		

The foregoing table illustrates the manner of commitment to the hospital, the duration of insanity previous to commitment, and to some extent the social condition of the patients

before commitment, and also that of those remaining in the hospital at the close of the year.

It will be seen that seventy-eight patients were admitted on private bonds, and thirty-one on bonds from overseers of the poor of towns from which the patients were sent; the bonds in all cases being accompanied by certificates from two respectable physicians that the persons for whom the applications were made were insane.

Two hundred and twenty-six were committed by the probate courts of the counties in which the patients resided at the time of commitment, and two by the Board of State Charities; these last being transfers of State paupers from other State institutions. Six have voluntarily sought the benefit of the hospital, and have had the proper legal papers made after seeking in their own way to be admitted to the hospital, and these are tabulated in their proper classes. A few of those who are committed by the probate courts are persons of sufficient means to defray their own expenses, and are charged the same prices for board and attendance as private patients.

Many of the patients supported by the towns are committed by the judges of probate, the authorities of the towns preferring this method to that of giving their bonds.

A reference to the table also shows that you have discharged one hundred and eighty-one persons who had no settlement in this Commonwealth, and that fifty-one still remain who are supported by the charity of the State, nearly all whom are of foreign birth.

The greatest number of patients under treatment at any one time during the year was four hundred and twelve. The greatest number of private patients was one hundred and sixty-four. The greatest number of town patients was one hundred and seventy-nine, and the greatest number of State patients was ninety-eight.

The weekly average number of patients was three hundred and eighty-seven; the weekly average number of private patients being one hundred and forty-six, of town patients, one hundred and sixty-seven, and of State patients seventy-four.

The Board of State Charities have removed to other institutions, and to their homes in other States, one hundred State patients in the course of the year. This number were all

removed after examination by the agent of the Board, and it is believed that none were removed whose mental and physical condition did not make such a step seem advisable.

No very feeble person, and no unusually violent, filthy or destructive patient has been removed. In all cases where State patients have been removed to other institutions, or to their homes or friends, previous to recovery, their cases have been fully investigated, and when relatives or friends have been known, their wishes have been consulted, and they have always been fully informed of every change made in regard to the patients in whom they were interested.

Fifteen State patients have died in the course of the year. More than the usual number of State patients have been transferred during the year; a proceeding made necessary by the large number of admissions to the hospital.

For a few, situations have been procured where they could labor and receive wages. Others have been permitted to do such work in the neighborhood as they could find to do, and have received all the profits. Four or five male patients have in this way earned considerable sums of money. Several others have earned smaller sums varying from twenty to thirty dollars each in the course of the year.

The steward has paid to patients more than two hundred and fifty dollars for labor, with the hope of thereby inducing greater habits of industry among the inmates of the institution.

One patient, a criminal transferred from the State prison, eloped, and remains away. His insanity was without doubt feigned.

Table No. 3.

Showing the Number Admitted, Restored, Improved, Died, &c., in each Month in the Year.

MONTHS.	Admitted.			Removed.											Remaining.		
				Restored.		Improved.		Not improved.		Died.		Totals.					
	Males.	Females.	Totals.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.	Males.	Females.	Totals.
October, .	23	10	33	7	9	6	4	1	–	2	–	16	13	29	195	191	386
November, .	13	11	24	3	6	5	6	1	–	6	–	15	12	27	193	190	383
December, .	12	18	30	3	6	5	4	–	–	2	2	10	12	22	195	196	391
January, .	14	9	23	8	6	6	11	2	–	3	3	19	20	39	190	185	375
February, .	8	8	16	2	3	4	3	1	–	3	1	10	7	17	188	186	374
March, . .	11	14	25	2	1	2	3	2	–	–	–	6	4	10	193	196	389
April, . . .	18	23	41	9	11	12	16	–	–	3	1	24	28	52	187	191	378
May, . . .	10	18	28	8	5	3	2	–	–	2	1	13	8	21	184	201	385
June, . . .	17	17	34	7	6	4	2	–	–	2	2	13	10	23	188	208	396
July, . . .	20	11	31	5	12	8	9	–	1	3	2	16	24	40	192	195	387
August, . .	13	14	27	12	9	7	11	–	1	1	1	20	22	42	185	187	372
September, .	12	13	25	3	6	1	2	2	–	1	6	7	14	21	190	186	376
Totals, .	171	166	337	69	80	63	73	9	2	28	19	169	174	343	–	–	–

Table No. 4.

Showing the form of Disease in those Admitted and Discharged during the year.

FORM OF DISEASE.	Admitted.			Discharged.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Mania, ...	70	66	136	52	54	106
Mania, Chronic, . . .	32	31	63	45	59	104
Mania, with Epilepsy, . .	11	2	13	5	1	6
Mania, with general Paralysis,	5	2	7	–	–	–
Melancholia, ...	8	27	35	4	13	17
Dementia, ...	21	24	45	13	19	32
Dementia, Senile, . . .	2	6	8	3	4	7
Dementia, with Epilepsy, .	4	3	7	7	2	9
Dementia, with gen'l Paralysis,	11	1	12	8	–	8
Monomania of Fear, . .	2	3	5	1	2	3
Monomania of Suspicion, .	5	1	6	3	1	4
Totals, ...	171	166	337	141	155	296

Quite a large number of the patients committed in the course of the year were afflicted with suicidal mania, and several with both suicidal and homicidal impulses. No suicide or other calamity has befallen any of the inmates.

An unusual number of the patients were suffering from high maniacal excitement when admitted, yet the amount of restraint and seclusion has been very small; no patient having been restrained except for the purpose of preventing suicide or confining clothing upon the person. No one has been in seclusion except such as were strongly homicidal. You have seen but one nude person in the course of the year, and no more than two in many years.

Table No. 5.

Showing the Pathological and Pathogenetic Causes of Insanity.

CAUSES.	1869.				Previously.			
	Number of Cases.		Number Pre-disposed		Number of Cases.		Number Pre-disposed.	
	Ma.	Fem.	Ma.	Fem.	Males.	Females.	Males.	Females.
Congenital,	3	1	3	1	20	18	20	18
Hereditary,	26	34	26	34	488	498	488	498
Periodical,	25	20	25	20	285	392	285	392
Apoplexy,	2	–	1	–	4	2	2	1
Paralysis,	11	2	4	–	102	46	17	11
Epilepsy,	13	6	3	2	211	87	66	26
Chorea,	–	–	–	–	2	5	–	1
Phrenitis,	–	–	–	–	9	7	3	5
Neuralgia,	–	1	–	–	5	6	2	2
Neurasthenia,	3	4	–	–	94	119	38	45
Fever,	2	2	–	–	58	83	28	34
Disease of Heart,	–	–	–	–	–	4	–	–
Anæmia,	2	–	–	–	33	30	10	9
Tuberculosis,	–	–	–	–	7	13	–	2
Pneumonia,	–	–	–	–	4	4	1	1
Bronchitis,	–	–	–	–	5	27	5	19
Influenza,	–	–	–	–	2	5	1	3
Asthma,	–	–	–	–	1	3	1	3
Pertussis,	–	–	–	–	1	1	–	1
Disease of Liver,	–	–	–	–	2	3	–	1
Dyspepsia,	–	–	–	–	15	13	6	3
Enterorrhœa,	–	–	–	–	9	3	4	3
Exanthemata,	–	–	–	–	10	13	5	6
Eruptions, Suppressed,	–	–	–	–	7	11	4	7
Excretions, Suppressed,	–	–	–	–	15	1	6	1
Renal Affections,	–	–	–	–	2	1	1	1

TABLE No. 5—Continued.

CAUSES.	1869.				PREVIOUSLY.			
	Number of Cases.		Number Pre-disposed		Number of Cases.		Number Pre-disposed.	
	Ma.	Fem.	Ma.	Fem.	Males.	Females.	Males.	Females.
Menstrual Disorder and Uterine Disease,	–	2	–	–	–	150	–	64
Puerperal,	–	19	–	5	–	326	–	164
Turn of Life,	–	18	–	4	–	212	–	107
Hysteria,	–	1	–	–	–	31	–	15
Puberty,	–	1	–	1	1	9	–	5
Masturbation,	31	11	9	3	467	89	205	36
Excessive Venery,	1	–	–	–	1	–	1	–
Intemperance,	27	2	9	1	689	101	282	27
Use of Opium,	–	2	–	–	4	17	3	5
Use of Tobacco,	–	–	–	–	3	6	–	4
Domestic Trouble,	1	8	1	3	63	219	28	113
Domestic Affliction,	2	5	–	–	80	249	43	108
Disappointed Affection,	–	4	–	1	64	102	18	37
Disappointed Ambition,	–	–	–	–	9	10	8	4
Avarice,	–	–	–	–	8	2	7	2
Pecuniary Trouble,	1	–	–	–	190	41	104	17
Spiritualism,	–	1	–	1	28	30	12	13
Religious Excitement,	2	–	–	–	149	183	73	91
Political Excitement,	–	–	–	–	11	–	5	–
Fright,	–	2	–	–	16	25	5	6
Jealousy,	–	–	–	–	19	25	4	8
Seduction,	–	–	–	–	–	4	–	–
Abusive Treatment,	–	–	–	–	2	15	1	6
Nostalgia,	1	–	–	–	6	20	–	2
Mesmerism,	–	–	–	–	3	6	2	4
Criminal Trial,	–	–	–	–	–	1	–	–
False Accusation,	–	–	–	–	–	1	–	–
Imprisonment,	–	–	–	–	4	–	1	–
Theft,	–	–	–	–	–	1	–	–
Novel Reading,	–	–	–	–	–	2	–	–
Sudden Joy,	–	–	–	–	–	1	–	–
Inhalation of Chloroform, &c.,	–	1	–	–	–	1	–	–
Mineral Poisoning,	–	–	–	–	5	–	3	–
Vegetable Poisoning,	–	–	–	–	2	1	2	1
Insolation,	2	–	–	–	23	–	10	–
Injury to Head or Spine,	5	1	–	–	90	25	29	12
Incidental Injuries,	–	–	–	–	15	4	4	–
Srofulosis,	1	1	–	–	6	8	1	2
Cancer,	1	–	–	–	–	2	–	1
Venereal Disease,	–	–	–	–	–	2	–	–
Old Age,	1	3	1	–	49	46	24	23
Unascertained,	8	14	–	–	697	741	–	–
Totals,	171	166	82	76	4,095	4,103	1,868	1,970

The great frequency of relapses, or the predisposition engendered by the disease itself, is shown by the fact that of the cases included in the foregoing table, forty-five had suffered from previous attacks of mental disease. A hereditary predisposition was ascertained in sixty cases, and, I have no doubt, existed in even a larger number, for this fact like some others, is often ignored or concealed by the relatives. The most frequent exciting causes, are, perhaps of a moral kind, proceeding from distress, anxiety, grief, fear and excitement, the results of domestic affliction, disagreements, disappointments, reverses of fortune, and sudden and violent shocks to the mind. That form of insanity which is popularly termed softening of the brain—general paralysis—is frequently produced by mental shocks. Of the cases induced by physical causes, eight were traumatic, two resulting from sunstroke, and six from direct injuries to the head and spine. The various phases of ill health of a well-marked character resulted in insanity in sixty-two cases, and, undoubtedly, in all cases the physical organs are the first to suffer though the seat of the disease may be obscure. Twenty-nine cases are tabulated as cases of intemperance. It is proper to state in reference to them, that none of them are cases of mere drunkenness. They are cases in which an incontrollable craving for stimulants formed one of the more prominent symptoms of mental disease, or cases in which habits of intemperance have produced insanity, but they are all cases in which there were well-marked symptoms of mental aberration existing at the time of their admission.

I have in some former reports intimated my desire to re-arrange and classify anew the whole number of cases, and show in a more acceptable manner the conditions and circumstances influencing the health of the patients previous to the invasion of mental disease. Having personally known a large proportion of all the patients admitted to the hospital, and having carefully studied the histories of all the others, I expected to be able in this Report to present a new classification, but other duties preventing, my assistant, Dr. Draper, has taken up the work and compiled in a careful manner from the records and case books, and such other sources of information as he could reach, the foregoing table. The classification is given as indicating quite clearly the relation of cause and effect in the progress of mental

disease. It illustrates, also, the exciting influences as to whether they are moral or physical in their nature. It covers a period of nearly thirty-seven years, and embraces eight thousand five hundred and thirty-five cases.

Table No. 6.

Showing the Ages of Patients Admitted, Discharged Recovered, not Recovered, and Died during the Year.

Ages.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Less than 15, .	1	–	1	–	–	–	–	–
From 15 to 20,	12	6	3	3	4	3	1	–
20 to 30,	29	46	15	25	20	18	3	2
30 to 40,	57	43	17	18	22	22	7	3
40 to 50,	29	34	12	18	16	14	5	3
50 to 60,	26	18	13	10	7	8	2	1
60 to 70,	8	12	6	3	2	6	4	5
70 to 80,	6	4	1	3	1	2	6	3
80 to 90,	3	2	1	–	–	1	–	2
Unknown, . .	–	1	–	–	–	1	–	–
Totals, . .	171	166	69	80	72	75	28	19

Table No. 7.

Showing the Ages of Patients Admitted, Discharged Recovered, not Recovered, and Died, from January 18, 1833, *to September* 30, 1868.

Ages.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Less than 15, .	33	28	7	13	21	13	2	2
From 15 to 20,	346	248	131	150	73	74	15	16
20 to 30,	1,079	1,016	540	516	393	395	71	76
30 to 40,	1,006	1,076	483	512	427	395	107	102
40 to 50,	862	897	360	406	313	309	118	102
50 to 60,	462	493	205	232	175	166	85	90
60 to 70,	272	244	95	114	106	76	59	59
70 to 80,	116	82	26	27	28	23	49	26
80 to 90,	1	16	6	2	5	4	6	9
Unknown, . .	4	3	–	–	1	–	–	–
Totals, . .	4,095	4,103	1,853	1,972	1,542	1,455	512	482

Table No. 8.

Showing the Duration of Insanity before Admission of Patients Admitted, Discharged Recovered, not Recovered, and Died during the year.

DURATION OF INSANITY.	Admitted.		Discharged Recovered.		Disch'd not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Insane 1 year or less, . .	100	104	54	53	16	20	10	7
More than 1 year and less than 2 years, ...	12	13	9	18	18	19	4	2
More than 2 years and less than 5 years, ...	14	25	4	5	16	23	5	5
More than 5 years and less than 10 years, ...	13	11	2	4	8	4	7	4
More than 10 years and less than 15 years, ...	9	4	–	–	3	5	–	–
More than 15 years and less than 20 years, ...	8	1	–	–	3	–	–	1
More than 20 years and less than 25 years, ...	2	2	–	–	2	1	–	–
More than 25 years and less than 30 years, ...	2	2	–	–	2	–	–	–
Thirty years or more, . .	3	–	–	–	–	–	2	–
Unknown, ...	8	4	–	–	4	3	–	–
Totals, ...	171	166	69	80	72	75	28	19

Table No. 9.

Showing the Duration of Insanity before Admission of Patients Admitted, Discharged Recovered, not Recovered and Died, from January 18, 1833, *to September* 30, 1868.

DURATION OF INSANITY.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Insane 1 year or less, .	2,572	2,753	1,422	1,543	683	656	249	294
More than 1 year and less than 2 years, .	179	144	185	168	136	107	37	19
More than 2 years and less than 5 years, .	565	540	121	139	223	207	102	69
More than 5 years and less than 10 years, .	314	289	48	57	230	218	40	31
More than 10 years and less than 15 years, .	171	175	20	23	115	108	35	27
More than 15 years and less than 20 years, .	78	50	9	9	47	67	20	11
More than 20 years and less than 25 years, .	54	49	7	–	34	37	5	10
More than 25 years and less than 30 years, .	23	19	5	1	12	11	7	6
Thirty years or more, .	34	30	2	5	13	13	9	7
Unknown, . . .	105	54	24	21	49	31	8	8
Totals, . . .	4,095	4,103	1,853	1,972	1,542	1,455	512	482

Table No. 10.

Showing the Civil Condition of Patients Admitted, Discharged Recovered, not Recovered, and Died during the year.

Civil Condition.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Unmarried, .	81	64	33	33	41	27	12	6
Married, .	75	70	29	35	23	31	12	7
Widowers, .	14	–	7	–	6	–	4	–
Widows, .	–	31	–	12	–	16	–	6
Unknown, .	1	1	–	–	2	1	–	–
Totals, .	171	166	69	80	72	75	28	19

Table No. 11.

Showing the Civil Condition of Patients Admitted, Discharged Recovered, not Recovered, and Died, from January 18, 1833, *to September* 30, 1868.

Civil Condition.	Admitted.		Discharged Recovered.		Discharged not Recovered.		Died.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
Unmarried, .	2,147	1,736	920	782	933	757	192	200
Married, .	1,728	1,837	854	938	535	532	255	189
Widowers, .	195	–	75	–	60	–	59	–
Widows, .	–	509	–	249	–	152	–	91
Unknown, .	25	21	4	3	14	14	6	2
Totals, .	4,095	4,103	1,853	1,972	1,542	1,455	512	482

Table No. 12.

Showing the Occupation of Patients admitted to the Hospital from January 18, 1833, *to September* 30, 1869.

OCCUPATION OF MALES.	1869.	Previously.
Auctioneers,	–	2
Armorers,	–	3
Authors,	–	3
Blacksmiths and Iron-workers,	2	72
Bakers,	2	14
Butchers,	2	7
Book-agents,	–	2
Book-binders,	–	4
Broom-makers,	–	2
Book-keepers,	–	10
Britannia-workers,	–	2
Brick-makers,	–	6
Bellows-makers,	–	2
Barbers,	–	19
Clergymen,	3	25
Carvers,	1	3
Carpenters,	6	133
Coppersmiths,	–	9
Coopers,	1	22
Cabinet-makers,	2	17
Clothiers,	–	16
Comb-makers,	–	4
Confectioners,	–	3
Card-maker,	–	1
Chair-makers,	–	3
Cigar-makers,	–	6
Clerks,	7	120
Carpet-weavers,	–	3
Caulkers,	–	3
Camphene-distillers,	–	3
Dyers,	–	3
Druggists,	1	3
Drovers,	1	2
Daguerreotypists,	1	4
Engineers,	–	4
Engravers,	–	4
Editors,	–	4
Expressmen,	–	14
Farmers,	18	789
Fishermen,	3	35
Gardeners,	1	10
Glass-blowers,	–	4
Hotel-keepers,	–	14
Hatters,	–	9
Harness-makers,	–	15
Hackmen and Teamsters,	–	37
Jewellers,	–	24

TABLE No. 12—Continued.

OCCUPATION OF MALES.	1869.	Previously.
Lawyers,	–	16
Laborers,	38	929
Manufacturers,	–	33
Millers,	–	6
Merchants,	8	163
Masons,	1	36
Miners,	–	4
Miniature-painter,	–	1
Mat-makers,	–	3
Musicians,	2	10
Machinists,	13	60
Moulders,	1	7
Operatives in Mills,	13	102
Palm-leaf Splitter,	–	1
Painters,	2	53
Printers,	1	36
Physicians,	1	30
Paper-makers,	–	7
Peddlers,	2	16
Potter,	1	1
Pump and Block-makers,	–	4
Pattern-makers,	2	4
Plumbers,	1	5
Police Officers,	–	3
Rope-makers,	1	11
Restaurators,	–	13
Shoemakers and Bootmakers,	11	326
Sail-makers,	–	9
Soap-makers,	–	10
Sash and Blind-makers,	–	3
Sea-captains,	–	18
Sailors,	–	163
Students,	1	60
Ship-carpenters,	–	9
Shop-keepers,	–	8
Stone-cutters,	3	13
Soldiers,	2	29
Sexton,	–	1
Stevedore,	–	1
Surveyors,	–	2
School-boys,	4	31
Tailors,	1	29
Teachers,	1	38
Tobacconists,	–	3
Tinners,	2	8
Tanners,	–	30
Umbrella-makers,	–	2
Wheelwrights,	–	18
No occupation,	8	249
Totals,	171	4,095

Table No. 12—Concluded.

OCCUPATION OF FEMALES.	1869.	Previously.
Actresses,	–	2
Cooks,	1	65
Engraver,	–	1
Housekeepers,	86	2,205
Housemaids,	25	431
Laundresses,	–	4
Music-teachers,	–	3
Midwives,	–	2
Nurses,	1	15
Operatives in Mills,	17	237
Seamstresses,	19	769
School-girls,	1	46
Teachers,	3	84
Type-setters,	–	3
No occupation,	13	236
Totals,	166	4,103

Table No. 13.

Diseases which have proved fatal, from January 18, 1833, *to September* 30, 1869.

DISEASES.	1869.		Previously.	
	Males.	Females.	Males.	Females.
Apoplexia,	2	–	17	11
Asphyxia,	–	–	2	1
Asthma,	–	–	4	1
Ascites,	–	–	5	7
Antochiria,	–	–	17	11
Bronchitis,	–	–	2	–
Carcinoma,	–	–	2	2
Cardionosus,	–	1	13	14
Cholera,	–	–	5	–
Cholera Morbus,	–	–	2	3
Cystitis,	–	–	1	1
Dysenteria,	–	–	12	6
Delirium Tremens,	–	–	4	–
Enteritis,	–	1	6	9
Epilepsia,	3	1	78	38
Erysipelas,	–	–	9	10
Hepatitis,	–	–	1	2
Hydrothorax,	–	–	1	1
Hernia,	–	–	1	–
Inanitia,	–	–	38	59
Mania, Exhaustive,	10	7	17	17
Marasmus,	2	2	73	71

TABLE No. 13—Concluded.

DISEASES.	1869.		PREVIOUSLY.	
	Males.	Females.	Males.	Females.
Meningitis,	–	–	11	15
Mortificatio,	–	–	–	1
Necropneumonia,	–	–	1	2
Paralysis,	8	2	64	21
Phthisis Pulmonalis,	2	–	66	126
Pleuritis,	–	–	–	2
Pneumonia,	–	–	16	9
Senectus,	1	5	29	24
Typho-Mania,	–	–	8	11
Typhoid Fever,	–	–	8	6
Variola,	–	–	1	-
Totals,	28	19	512	482

No epidemic prevailed to any extent during the year, and the health of the household was generally good.

A few cases only of a mild form of diarrhœa, developed by sudden changes of the weather, and yielding to slight remedial measures occurred during the summer and early autumn. During the month of September, three or four cases of a mild form of typhoid fever appeared among employees who had been only a short time in service. In general, nothing was experienced to disturb the sanitary condition of the hospital. The deaths of forty-seven patients, twenty-eight men and nineteen women, was a greater number than during the preceding year, both absolutely, and when calculated in reference to the population. An examination of the table will show that the mortality for the year was less than twelve per cent. of the average number of residents, and less than seven per cent. of the whole population of the establishment, while the average mortality, since the opening of the institution, has been no more than nine per cent. on the average number of patients, and a fraction more than five per cent. when calculated on the whole number of residents.

On comparing the mortality of the sexes separately, it will be found, and has frequently been observed, that any seeming increase in the death rate is confined almost exclusively to the male patients. In contemplating the rate of mortality in the

hospital, it must be remembered how large a proportion of the more feeble inmates are advanced in life.

Twelve of those who died had passed their seventieth year, nor should it be forgotten that all, or nearly all, are broken in health of body and mind long before their admission to the hospital.

On investigating the causes of death, it will be noticed that the largest proportion, seventeen, occurred from maniacal exhaustion, which fact illustrates quite fairly the character of the admissions during the year. From general paralysis ten, marasmus four, old age six, epilepsy four, and the remaining cases embracing a variety of causes, the character of which is indicated by the table.

As it has happened in other years, so in this, several cases were brought to the hospital in almost a dying condition, and ought not to have been removed from their homes at all. Their journey to the institution probably hastened their death. Others were apparently sent to us simply because they were old, feeble and uncleanly in their habits, and required more attention than relatives and friends were able or willing to give.

One of the patients who died during the year was eighty-nine years of age, one was eighty, one was seventy-nine, one was seventy-six, two were seventy-five each, two were seventy-four each, one was seventy-two, three were sixty-nine each, and three were sixty-eight each.

Table No. 14.

Showing the Admissions from each County, from January 18, 1833, *to September* 30, 1869.

	1869.			Previously.	Whole No.
	Males.	Females.	Total.		
Barnstable, . . .	–	–	–	128	128
Berkshire, . . .	–	–	–	190	190
Bristol, ...	2	–	2	296	298
Dukes, ...	–	–	–	20	20
Essex, ...	27	29	56	1,217	1,273
Franklin, . . .	–	1	1	127	128
Hampden, . . .	1	–	1	377	378
Hampshire, . . .	–	–	–	328	328
Middlesex, . . .	53	65	118	1,478	1,596
Nantucket, . . .	–	–	–	32	32
Norfolk, ...	8	7	15	649	664
Plymouth, . . .	–	–	–	238	238
Suffolk, ...	12	15	27	758	785
Worcester, . . .	65	47	112	2,416	2,528
Other States, . . .	3	2	5	44	49
Totals, . . .	171	166	337	8,198	8,535

Table No. 15.

Showing the Whole Number of Patients during the last year, the Average Number, the Number at the end of each year, the Expense of each year, the Annual Expense for each Patient, and the Expense of each Patient per week for each of the Thirty-seven years the Hospital has been in operation.

YEARS.	Whole Number.	Average Number.	No. at end of each year.	Current Expenses of each year.	Annual Expense for each Patient.	Expense per week for each Patient.
1833, . . .	153	107	114	$12,272 91	$114 67	$2 25
1834, . . .	233	117	118	15,840 97	135 38	2 60
1835, . . .	241	120	119	16,576 44	137 30	2 64
1836, . . .	245	127	138	21,395 28	168 44	3 12
1837, . . .	306	163	185	26,027 07	159 64	3 07
1838, . . .	362	211	218	28,739 40	136 20	2 62
1839, . . .	397	223	229	29,474 41	132 16	2 53
1840, . . .	391	229	236	27,844 98	121 59	2 33
1841, . . .	399	233	232	28,847 62	123 81	2 38
1842, . . .	430	238	238	29,546 87	111 12	2 13
1843, . . .	458	244	255	27,914 12	114 40	2 20
1844, . . .	491	261	263	29,278 75	112 17	2 15
1845, . . .	656	316	360	43,888 65	138 88	2 66
1846, . . .	637	359	367	39,870 37	111 06	2 13

TABLE No. 15—Concluded.

YEARS.	Whole Number.	Average Number.	No. at end of each year.	Current Expenses of each year.	Annual Expense for each Patient.	Expense per week for each Patient.
1847, . . .	607	377	394	$39,444 47	$104 62	$2 01
1848, . . .	655	404	409	42,860 05	106 09	2 05
1849, . . .	682	420	429	40,870 86	97 31	1 87
1850, . . .	670	440	441	46,776 13	106 40	2 04
1851, . . .	704	462	466	52,485 33	112 61	2 16
1852, . . .	775	515	532	43,878 35	85 20	1 64
1853, . . .	820	537	520	53,606 66	103 14	1 98
1854, . . .	819	430	381	53,221 52	123 77	2 38
1855, . . .	580	349	336	54,895 88	157 29	3 02
1856, . . .	577	357	376	45,631 37	128 64	2 47
1857, . . .	647	387	372	49,004 75	124 04	2 38
1858, . . .	679	372	301	38,267 26	102 86	2 39
1859, . . .	501	309	317	48,363 33	156 51	3 01
1860, . . .	532	324	331	47,757 01	147 39	2 83
1861, . . .	583	369	379	54,748 53	148 37	2 84
1862, . . .	600	401	396	53,043 88	132 18	2 50
1863, . . .	611	398	399	66,082 36	166 03	3 19
1864, . . .	625	366	344	66,612 00	182 00	3 50
1865, . . .	565	350	343	73,772 41	211 37	4 06
1866, . . .	630	368	381	88,398 73	239 28	4 60
1867, . . .	669	389	355	86,930 88	223 47	4 30
1868, . . .	651	370	382	72,054 59	197 60	3 80
1869, . . .	719	387	376	81,440 58	209 04	4 02

It will be seen by the foregoing tables, that the average weekly expense, per patient, was increased from three dollars eighty cents to four dollars two cents, a fact which is explained by the increased cost of coal, and a greater expenditure in improvements and repairs, than was incurred during the last year. If the excess of the expenditure for the purchase of fuel, and for improvements and repairs, be deducted from the total amount of current expenses, and the average weekly cost of support be based upon the sum thus given, it will be found to be only three dollars and sixty-seven cents per week, making a reduction of thirty-five cents per week from the actual cost, or thirteen cents per week below the cost of last year. So that if prices had remained nearly the same, and no more had been attempted for the comfort of the patients and the well-being of the institution, the average weekly cost of support would have been no more than three dollars and sixty-seven cents.

While new outlays have been necessary to preserve and improve the property of the Commonwealth, and render the

institution more acceptable to its inmates, the treatment of the patients in a medical, moral and hygienic point of view, has received its proper share of attention, and the curative character of the hospital has suffered no depreciation.

In view of these constantly occurring items of expense, and in consideration also of the fact that the cost of the leading articles of consumption for the years 1868–9, is nearly one hundred per cent. in excess of the cost of the same articles in 1860, it will not be expected that the weekly expense per patient can at present be reduced much lower.

An examination of the following table of retail prices in this neighborhood, will show that the average in the price of the leading articles of consumption, for the years 1868–9, is somewhat in excess of ninety per cent. over that of 1860; but if the average be proportioned to the relative importance of the several articles entering into consumption, the advance will be found to stand at even a higher figure.

ARTICLES.	PRICES.		INCREASE.
	1860.	1869.	Per cent.
Flour, per barrel,	$8 00	$14 00	75
Beef, fresh, per pound,	12½	28	124
Beef, corned, per pound,	07	17	143
Pork, fresh, per pound,	09	20	122
Ham, per pound,	12½	28	124
Butter, per pound,	25	50	100
Potatoes, per bushel,	70	1 20	71
Rice, per pound,	05	12	140
Beans, per quart,	10	20	100
Tea, Oolong, per pound,	56	1 40	150
Coffee, Rio, green, per pound,	18	30	67
Sugar, brown, per pound,	09	15	67
Molasses, N. O.,	34	90	164
Coal, per ton,	6 00	16 00	166
Sheetings, per yard,	10	17	70
Cotton Flannels,	14	30	114
Tickings,	17	33	94
Prints, Merrimac,	12½	17	36

Thus, while all the articles of general consumption have increased about ninety per cent. since 1860, the price charged for board has not increased more than thirty per cent. The hospital has purchased for cash, at wholesale prices, but the ratio of increase must be nearly the same.

Table No. 16.

Showing the Statistics of the Hospital from January 18, 1833, *to September* 30, 1869.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.
Whole number admitted,	153	119	113	125	168	177	179	162	163	198	220	236	293	277	240	261	273	241	263
Whole number discharged,	39	115	112	106	121	144	168	155	167	191	203	228	196	270	213	246	253	229	238
Discharged recovered,	25	64	52	58	69	76	80	82	82	88	116	124	122	154	103	136	138	125	111
Discharged improved,	7	22	23	17	23	24	29	29	36	25	32	40	25	31	23	32	26	15	38
Discharged not improved,	2	20	28	22	20	28	37	29	37	66	33	49	25	47	57	48	52	32	50
Died,	4	8	8	8	9	16	22	15	12	12	22	15	24	38	30	30	37	57	39
Eloped,	1	1	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Whole number in hospital during year,	153	233	241	245	306	362	397	391	399	430	458	491	556	637	607	655	682	670	704
Number remaining at end of each year,	114	118	109	138	185	218	229	236	332	238	255	263	360	367	394	409	429	441	466
Males admitted,	96	69	51	65	94	96	80	75	73	107	111	109	164	138	105	128	134	129	125
Females admitted,	57	50	62	60	74	81	99	87	90	91	109	127	129	139	135	133	139	112	138
Males discharged,	19	58	57	56	65	74	66	59	71	96	92	108	85	108	98	105	112	91	98
Females discharged,	15	48	46	41	47	54	80	81	84	83	89	105	87	124	85	111	104	81	101
Males died,	3	5	4	6	6	10	14	9	7	3	8	9	15	20	18	15	19	29	13
Females died,	1	3	4	2	3	6	8	6	5	9	14	6	9	18	12	15	18	28	26
Sent in by courts,	109	55	90	117	129	123	123	106	110	157	152	158	167	143	135	166	206	194	184
Sent in by friends and overseers,	44	64	23	8	39	54	56	56	53	41	68	78	126	134	105	95	67	47	79
Sent in by governor's warrant,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Males recovered,	13	33	27	32	37	45	32	28	37	44	53	56	64	72	48	67	70	60	56
Females recovered,	12	31	25	26	32	31	48	54	45	44	63	68	58	82	55	69	68	65	55
Average number in hospital,	107	117	120	127	163	211	223	229	233	238	244	261	316	359	377	404	420	440	462

TABLE No. 16—Concluded.

	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	Totals.
Whole number admitted,	309	288	299	199	241	271	307	200	215	251	221	215	226	221	289	288	296	337	8,535
Whole number discharged,	243	300	438	244	201	275	376	184	201	204	204	212	281	224	249	314	269	343	8,159
Discharged recovered,	103	145	122	109	97	150	127	89	129	131	124	104	130	105	89	158	110	149	3,978
Discharged improved,	34	36	53	26	46	75	174	52	35	35	39	65	102	58	95	101	92	136	1,748
Discharged not improved,	61	78	229	79	23	6	41	13	15	8	7	12	16	28	25	12	34	11	1,396
Died,	45	41	34	27	35	44	34	30	22	30	34	30	33	33	40	43	33	47	1,005
Eloped,	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3
Whole number in hospital during year,	775	820	819	580	577	647	679	501	532	583	600	611	625	565	630	669	651	719	–
Number remaining at end of each year,	532	520	381	336	376	372	301	317	331	379	396	399	344	341	381	355	382	376	–
Males admitted,	148	136	125	86	112	126	142	106	105	127	108	114	125	117	163	154	158	171	4,266
Females admitted,	161	152	174	113	129	145	165	94	110	124	113	101	101	104	126	134	138	166	4,269
Males discharged,	106	133	198	111	97	132	180	95	102	98	92	117	155	115	142	167	147	169	4,076
Females discharged,	92	166	240	133	104	143	196	89	99	106	112	94	126	109	107	147	122	174	4,083
Males died,	20	20	15	13	18	19	18	20	12	14	11	16	17	12	27	26	21	28	540
Females died,	25	21	19	14	17	25	16	10	10	16	23	14	16	21	13	17	12	19	501
Sent in by courts,	259	241	230	160	193	182	151	134	158	180	148	143	122	123	191	199	197	226	2,453
Sent in by friends and overseers,	50	47	57	36	48	89	67	66	57	71	21	71	94	90	87	86	95	31	2,401
Sent in by governor's warrant,	–	–	12	3	–	–	89	–	–	–	52	1	–	–	1	–	–	–	158
Males recovered,	55	65	45	50	46	74	55	43	65	63	58	51	70	51	42	86	62	69	1,922
Females recovered,	48	80	77	59	51	76	72	46	64	68	66	53	60	54	47	72	48	80	2,052
Average number in hospital,	515	520	430	349	357	387	372	309	324	369	401	398	366	350	368	389	370	387	325

Table No. 17.

Per Cent.

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.
Per cent. of recovery of recent cases, .	–	82	82	84	89	86	90	91	91	91	88	93	89.5	79	72	86	84	87	82
Per cent. of recovery of all discharges, .	–	54	46	53	57	52	47	53	49	46	59	54	69.5	57	49	55	54	54	46
Per cent. of recovery of old cases, .	–	20	18	19	25	15	17	22	21	16	29	24	31.5	28	17	19	24	21	18
Per cent. of admissions of the most prominent causes each year:—																			
Ill-health, ...	8	18	21	22	21	28	27	25	23	18	16	15	13	11	17	18	18	7	9
Religious, ...	9	6	7	7	6	9	5	4	4	9	13	9	7	10	6	1	2	4	2
The affections, ...	14	12	17	16	16	15	25	17	13	15	9	10	14	1	12	11	10	8	11
Property, ...	7	11	9	6	6	10	6	5	4	5	7	3	9	5	3	2	4	3	2
Intemperance, ...	25	24	23	15	10	16	8	12	12	8	6	8	10	10	7	5	4	3	4
Masturbation, ...	5	6	7	16	21	6	8	7	6	4	3	2	6	3	2	2	4	3	4
Per cent. of deaths of all in the hospital each year, ...	2.61	3.43	3.31	3.26	2.94	4.42	5.53	3.83	3.00	2.79	4.80	3.50	4.31	5.96	4.94	4.58	5.42	8.50	5.53
Per cent. of deaths of average number of residents each year, . . .	3.70	6.80	6.66	6.30	5 50	7.58	9.86	6.55	5.15	5.00	9.00	5.74	7.59	10.55	7.95	7.92	9.00	12.95	8.00

TABLE No. 17—Concluded.

	1852.	1853.	1854.	1855.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	Totals.
Per cent. of recovery of recent cases, .	77	83	80	92	78	76	78	75	92	78	89	74.4	78	73	63	76	54	72	79.3
Per cent. of recovery of all discharges, .	42	46	52	45	48	65	34	48	64	64	61	49.2	60.7	55	40	50	47	50	48
Per cent. of recovery of old cases, .	18	24	29	17	15	30	20	18	19	30	26	21	18	17	10	11	42	28	21.5
Per cent. of admissions of the most prominent causes each year, . . .																			
Ill-health, ...	9	7	8	10	19	23	17	19	27	27	25	21	15	12	23	29	25	15	18
Religious, ...	3	4	3	4	3	1	–	1	1	1	2	–	–	–	–	–	2	1	4
The affections, ...	6	2	8	5	2	2	5	7	6	7	4	9	3	2	2	1	5	6	8
Property, ...	3	2	2	1	1	1	1	3	4	2	2	1	1	–	–	1	–	–	4
Intemperance, ...	2	2	4	2	9	9	4	11	9.7	15	9.5	11	1.2	12	6	7	11	9	9.3
Masturbation, ...	2	4	4	3	3	1	1	5	4.6	5	12	5.1	8	4	3	10	11	12	5.7
Per cent. of deaths of all in the hospital each year, ...	5.81	5.00	5.58	4.60	6.00	6.80	5.1	6.0	4.6	5.1	5.6	6.5	5.2	6.8	6	6.4	5	6.5	5
Per cent. of deaths of average number of residents each year, . . .	8.73	7.88	7.90	7.70	9.80	11.0	9.1	9.7	6.4	8.1	8.4	7.5	–	9.3	10	11	9	12	8

TABULAR VIEW

Of the Condition of the Patients in the Hospital, from October 1, 1868, *to September* 30, 1869, *inclusive.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1837											
582	May 26	37	Female	Single	Love affair, ...	6 months	Private Bond	32 yrs 4 mths	Remains	Not improved	Hereditary.	
	1838											
876	Dec. 28	24	Male	do	Unknown, . . .	3 do	Probate Court	30 yrs 9 mths	do	do	do	
	1839											
895	March 1	30	Female	do	Ill health, . . .	2 do	The Overseers	30 yrs 6 mths	do	Improved	do	
	1840											
1092	April 21	26	do	do	do . . .	6 years	Probate Court	29 yrs 5 mths	do	do		
	1841											
1252	April 29	31	do	Married	do . . .	2 months	Private Bond	29 yrs 5 mths	do	Not improved		
	1842											
1409	Feb. 28	28	Male	Single	Unknown, . . .	1 year	Probate Court	27 yrs 7 mths	do	do		
	1843											
1583	Jan. 14	28	do	do	Masturbation, . .	6 years	do	26 yrs 9 mths	do	Improved	do	Periodical.
1772	Nov. 16	28	do	do	do . . .	7 do	do	25 yrs 9 mths	do	Not improved		
	1844											
1981	Oct. 2	36	Female	Married	Unknown, . . .	5 do	do	25 yrs	do	Improved		
	1845											
2047	Jan. 8	21	Male	Single	Masturbation, . .	6 do	–	24 yrs 9 mths	do	Not improved		
2220	Aug. 29	28	do	do	Convulsions, . .	5 weeks	Private Bond	23 yrs 3 m 10 d	Discharged	do		
2229	Sept. 8	27	Female	do	Masturbation, . .	2½ years	Probate Court	24 yrs 1 mth	Remains	Improved	do	do
2280	Nov. 3	30	Male	do	do . . .	5 do	Private Bond	23 yrs 11 mths	do	Not improved	do	
	1846											
2412	April 18	26	do	do	Disappointment, . .	1 week	do	23 yrs 5 mths	do	do		do
2419	May 11	48	do	Married	Unknown, . . .	6 months	do	23 yrs 4 mths	do	Improved	do	Sui. and do
	1847											
2645	April 16	44	Female	do	Domestic affliction, .	2 do	do	22 yrs 5 mths	do	Not improved	do	
	1848											
2981	July 11	24	do	Single	Ill health, . . .	5 years	do	21 yrs 2 mths	do	do		
	1849											
3191	May 12	28	Male	do	Unknown, . . .	4 months	Probate Court	20 yrs 4 mths	do	Improved		
3334	Nov 6	21	Female	do	Ill health, . . .	7 years	do	19 yrs 11 mths	do	Not improved	do	

	1850											
3380	Jan. 23	23	Male	Single	Disappointed affections	6 months	Probate Court	19 yrs 8 mths	Remains	Improved	Hereditary.	
3427	April 2	35	Female	Married	Ill health, . . .	5 years	do	19 yrs 6 mths	do	do	do	
3605	Dec. 11	35	Male	Single	Unknown, . . .	2 do	The Overseers	18 y 4 m 17 d	Discharged	do	do	
3613	do 28	23	Female	do	Fever, ...	20 do	Private Bond	18 yrs 9 mths	Remains	Not improved	do	
	1853											
4414	Sept. 23	35	do	Married	Puerperal, . . .	1 week	The Overseers	16 yrs	do	Improved	do	Periodical.
4431	Oct. 19	30	do	do	Over-exertion, . .	3 years	Probate Court	15 yrs 3 mths	Discharged	do		
	1854											
4493	Jan. 13	66	Male	Widower	Unknown, . . .	15 do	The Overseers	15 yrs 8 mths	Remains	do	do	do
4684	Aug. 31	45	do	do	Domestic affliction, .	11 do	Munic'l Court	15 yrs 1 mth	do	do		
4688	Sept. 2	65	do	Single	Unknown, . . .	30 do	The Overseers	15 yrs 1 mth	do	Not improved		
4741	Nov. 16	23	do	do	Masturbation, . .	5 do	do	14 yrs 10 mths	do	do	do	
4746	do 20	42	do	do	Unknown, . . .	6 do	Probate Court	14 yrs 10 mths	do	Improved	do	
	1855											
4832	April 18	44	do	Married	Spiritualism, . .	3 do	do	14 yrs 5 mths	do	do	do	
4851	May 17	40	do	do	do . . .	5 do	do	14 yrs 4 mths	do	do	do	
4882	July 27	28	Fema'e	Single	Ill health, . . .	5 do	do	14 yrs 2 mths	do	do	do	
4959	Dec. 4	39	do	Married	Puerperal, . . .	4 weeks	do	13 yrs 9 mths	do	do		
	1856											
5157	Sept. 30	20	do	Single	Masturbation, . .	2 years	The Overseers	13 yrs	do	Not improved		
	1857											
5417	Sept. 19	45	do	do	Unknown, . . .	2 months	Probate Court	12 yrs	do	Improved	do	
5433	Oct. 13	30	Male	do	Masturbation, . .	11 years	The Overseers	12 yrs	do	Not improved	do	do
	1858											
5547	April 1	45	Female	Married	Turn of life, . . .	1 year	Probate Court	10 y 10 m 11 d	Discharged	Improved	Suicidal.	
5560	do 15	30	Male	Single	Religious excitement, .	1 do	Private Bond	11 yrs 5 mths	Remains	Not improved		
5599	June 3	52	Female	Married	Turn of life, . . .	8 years	do	11 yrs 5 mths	do	Improved		
5602	do 9	25	Male	Single	Masturbation, . .	6 do	The Overseers	11 yrs 4 mths	do	Not improved		
5662	Aug. 25	74	Female	Widow	Old age, . . .	2 do	Probate Court	11 yrs 1 mth	do	Improved		
5673	do 30	38	do	Married	Unknown, . . .	10 do	Gov. Order	11 yrs 1 mth	do	Not improved	Hereditary.	
5690	do 30	29	Male	Single	Masturbation, . .	9 do	do	11 yrs 1 mth	do	Improved	do	
5691	do 30	45	do	do	Unknown, . . .	7 do	do	11 yrs 1 mth	do	do	do	Periodical.
5694	do 30	45	do	Married	Spiritualism, . .	7 do	do	11 yrs 1 mth	do	do	do	
5735	Sept. 20	40	do	do	Domestic affliction, .	2 do	Probate Court	11 yrs	do	do		
5759	do 20	40	Female	do	Unknown, . . .	15 do	Gov. Order	10 yrs 11 m 4 d	Discharged	Recovered		
	1859											
5850	Mar. 14	38	do	do	Unfortunate marriage,	6 weeks	Probate Court	10 yrs 7 mths	Remains	Not improved	Suicidal.	
5880	April 19	20	Male	Single	Epilepsy, . . .	1 year	Private Bond	9 yrs 6 m 25 d	Died	Exhaustion		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1859											
5903	June 4	58	Male	Married	Ill health, . . .	9 years	Private Bond	10 yrs 4 mths	Remains	Not Improved		
5908	do 10	24	Female	Single	do . . .	2 do	Probate Court	10 yrs 4 mths	do	Improved	Hereditary.	
5962	Aug. 28	43	do	Married	Domestic affliction, .	3 months	do	8 yrs 11 m 8 d	Discharged	Recovered		
6003	Nov. 29	55	Male	do	Epilepsy, . . .	3 years	do	9 yrs 10 mths	Remains	Improved		
6007	Dec. 8	29	Female	Single	Fever, ...	10 do	do	9 yrs 10 mths	do	do		
	1860											
6039	Feb. 14	43	Male	Married	Religious excitement, .	3 do	do	9 yrs 8 mths	do	do		
6047	do 25	36	do	Single	Masturbation, . .	4 do	The Overseers	9 yrs 7 mths	do	Not improved		
6067	do 25	30	Female	Married	Injury by falling, . .	3 do	Probate Court	9 yrs 6 mths	do	do		
6074	April 10	25	do	do	Measles, . . .	1 year	do	8 yrs 9 m 18 d	Discharged	Improved	Hereditary.	
6097	May 12	49	do	do	Unknown, . . .	14 years	Private Bond	9 yrs 4 mths	Remains	do		
6144	July 20	18	Male	Single	Masturbation, . .	2 do	The Overseers	9 yrs 2 mths	do	Not improved		
6189	Sept. 22	31	Female	do	Unknown, . . .	6 do	Probate Court	9 yrs	do	do	do	
6217	Nov. 6	40	Male	Married	Intemperance, . .	4 days	The Overseers	8 yrs 11 mths	do	do		
6225	do 15	35	Female	do	Unknown, . . .	3 years	Private Bond	8 yrs 11 mths	do	do		
	1861											
6310	April 8	21	Male	Single	Epilepsy, . . .	6 months	Probate Court	7 yrs 8 m 2 d	Died	Epilepsy	Hereditary.	
6325	May 4	62	Female	do	Spiritualism, . .	1 year	Private Bond	8 yrs 5 mths	Remains	Not improved		
6350	do 31	46	do	do	Epilepsy, . . .	1 do	Probate Court	8 yrs 4 mths	do	do		Periodical.
6354	June 4	38	do	Married	Unknown, . . .	3 years	The Overseers	8 yrs 4 mths	do	do		do
6423	Aug. 23	60	Female	Single	do . . .	20 do	Private Bond	8 yrs 1 mth	do	Improved		
6446	Oct. 4	62	do	Widow	Domestic affliction, .	3 do	Probate Court	7 yrs 6 m 19 d	Discharged	do		
6448	do 7	21	do	Single	Unknown, . . .	12 do	do	8 yrs	Remains	do		
6458	do 21	27	do	do	Disappointed ambition	1 year	do	7 yrs 11 mths	do	do		
6493	Dec. 2	49	Male	Married	Unknown, . . .	14 years	The Overseers	7 yrs 10 mths	do	do		
6502	do 19	35	Female	do	do . . .	7 do	Private Bond	7 yrs 9 mths	do	do	Hereditary.	Periodical.
6506	do 24	35	do	Single	do . . .	4 do	Probate Court	7 yrs 9 mths	do	do		
	1862											
6512	Jan. 8	32	Male	do	Epilepsy, . . .	10 do	do	7 yrs 9 mths	do	do		
6558	do 21	30	do	do	do . . .	5 do	Private Bond	7 yrs 6 mths	do	Not improved		
6580	do 26	24	do	Married	Ill health, . . .	3 weeks	do	6 yrs 6 m 29 d	Died	Marasmus		
6581	do 26	51	Female	do	Epilepsy, . . .	10 years	do	7 yrs 5 mths	Remains	Not improved		
6582	May 2	73	Male	do	Unknown, . . .	3 do	do	7 yrs 5 mths	do	Improved	do	

6591	May 22	60	Male	Married	Unknown, . . .	1 year	The Overseers	7 yrs 4 mths	Remains	Improved		
6597	June 2	36	Female	Single	Epilepsy, . . .	from birth	Private Bond	7 yrs 4 mths	do	Not improved	Hereditary.	
6603	do 10	53	do	Married	Turn of life, . . .	2 years	do	7 yrs 4 mths	do	Improved		
6630	July 18	35	Male	Single	Unknown, . . .	9 do	Probate Court	6 yrs 9 m 9 d	Discharged	do		
6640	Aug. 1	50	do	Married	Ill health, . . .	3 do	do	7 yrs 2 mths	Remains	Not improved		
6664	Oct. 2	29	do	Single	Unknown, . . .	5 do	do	6 yrs 4 m 7 d	Died	Marasmus		
6693	Nov. 28	45	do	do	Fright, . . .	25 do	The Overseers	6 yrs 4 m 8 d	do	Epilepsy		
6704	Dec. 19	58	do	do	Epilepsy, . . .	1 month	Probate Court	6 yrs 9 mths	do	Exhaustion	do	do
6707	do 22	45	Female	do	Unknown, . . .	4 years	do	6 yrs 9 mths	Remains	Not improved		
6710	do 23	53	do	do	do . . .	7 do	Private Bond	6 yrs 9 mths	do	do		
	1863											
6724	Jan. 20	38	Male	do	do . . .	1 year	The Overseers	6 yrs 8 mths	do	Improved	Hereditary.	Periodical.
6746	Mar. 3	40	Female	do	do . . .	10 years	do	6 yrs 7 mths	do	do		
6777	May 6	34	do	Married	do . . .	10 do	Probate Court	6 yrs 5 mths	do	Not improved		
6810	June 12	42	do	Single	do . . .	7 do	Private Bond	6 yrs 3 mths	do	Improved		
6812	do 17	25	Male	do	Epilepsy, . . .	8 months	The Overseers	6 yrs 3 mths	do	Not improved		
6823	July 6	35	do	do	do . . .	2 weeks	Probate Court	6 yrs 2 mths	do	do		
6828	do 31	43	do	Married	Loss of property, . .	4 months	do	6 yrs 2 mths	do	Improved	Suicidal.	
6833	Aug. 4	61	do	do	do . . .	2 years	Private Bond	6 yrs 1 mth	do	Not improved	Hereditary.	
6847	do 24	40	Female	do	Puerperal, . . .	1 year	do	6 yrs 1 mth	do	Improved	do	do
6880	Oct. 5	40	Male	Single	Intemperance, . .	6 months	Probate Court	6 yrs	do	do		
6896	do 31	50	Female	do	Masturbation, . .	20 years	do	5 yrs 11 mths	do	do		
6905	do 31	55	Male	do	Unknown, . . .	3 weeks	do	5 yrs 10 mths	do	do		Homicidal.
6911	Dec. 2	44	do	do	do . . .	20 years	Private Bond	5 yrs 10 mths	do	Not improved		
6912	do 4	27	Female	do	do . . .	20 do	do	5 yrs 10 mths	do	do		
6915	do 5	28	Male	do	Hard study, . . .	3 do	Board of S. C.	5 yrs 10 mths	do	Improved		
6919	do 12	37	Female	Widow	Ill health, . . .	3 months	Private Bond	5 yrs 10 mths	do	Not improved		Periodical.
	1864											
6938	Jan. 8	19	Female	Single	Unknown, . . .	2 years	The Overseers	5 yrs 9 mths	do	do		
6981	Mar. 25	27	do	Widow	Epilepsy, . . .	2 do	Probate Court	5 yrs 6 mths	do	Improved		
6985	April 2	58	do	Married	Unknown, . . .	17 do	Private Bond	5 yrs 6 mths	do	do		
7008	May 11	40	Male	do	Intemperance, . .	6 do	do	5 yrs 5 mths	do	do		
7010	do 12	16	do	Single	Epilepsy, . . .	2 do	do	5 yrs 5 mths	do	Not improved		
7030	June 24	36	do	Married	Unknown, . . .	1 month	The Overseers	5 yrs 3 mths	do	Improved		
7036	July 5	26	do	do	Puerperal, . . .	1 year	Probate Court	4 yrs 4 mths	do	do	Suicidal.	
7045	do 13	31	do	Single	Unknown, . . .	4 years	do	4 yrs 6 m 6 d	Discharged	do	Hereditary.	
7053	do 20	35	do	do	Ill health, . . .	10 do	The Overseers	5 yrs 1 mth	Remains	Not improved	Suicidal.	
7060	do 30	21	Male	do	Masturbation, . .	3 weeks	Private Bond	5 yrs 2 mths	do	Improved	Hereditary.	
7061	Aug. 1	55	do	do	do . . .	22 years	do	5 yrs 2 mths	do	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1864											
7063	Aug. 2	31	Male	Single	Epilepsy, . . .	10 years	Private Bond	5 yrs 1 mth	Remains	Not improved		
7064	do 4	20	Female	do	Ill health, . . .	7 months	Probate Court	5 yrs 1 mth	do	Improved	Hereditary.	Periodical.
7068	do 9	45	do	do	Unknown, . . .	1½ years	Private Bond	5 yrs 1 mth	do	do	do	do
7069	do 10	43	do	Married	Ill health, . . .	5 months	Probate Court	5 yrs 1 mth	do	do	Suicidal.	
7088	Sept. 1	35	do	Single	Unknown, . . .	1 week	do	4 yrs 7 m 22 d	Discharged	do		do
7100	do 21	53	do	Married	Turn of life, . . .	3 years	Private Bond	5 yrs 9 dys	Remains	Not improved		
7112	Oct. 18	66	Male	do	Intemperance, . .	15 months	do	4 yrs 13 dys	do	Improved		
7113	do 19	24	do	Single	Unknown, . . .	1 year	do	4 yrs 12 dys	do	Not improved		
7116	do 21	43	Female	Married	do . . .	14 years	do	4 yrs 10 dys	do	do		
7145	Dec. 9	68	Male	do	Intemperance, . .	5 do	Probate Court	4 yrs 9 mths	do	do		do
7149	do 13	70	Female	Widow	Unknown, . . .	1 week	Private Bond	4 yrs 9 mths	do	Improved		Homicidal.
	1865											
7163	Jan. 6	21	do	Single	Injury of head, . .	5 years	Probate Court	3 yrs 9 m 22 d	Discharged	do		
7165	do 11	48	Male	do	Ill health, . . .	1 month	The Overseers	4 yrs 8 mths	Remains	Not improved	do	do
7169	do 20	33	Female	do	do . . .	3 months	Probate Court	4 yrs 8 mths	do	do		do
7173	do 26	45	do	do	Unknown, . . .	4 years	do	4 yrs 8 mths	do	do	Hereditary.	
7184	Feb. 22	26	Male	Married	do . . .	5 do	do	4 yrs 7 mths	do	do	do	do
7186	do 24	20	Female	Single	Ill health, . . .	6 months	do	3 yrs 11 m 2 d	Discharged	Improved		Periodical.
7196	Mar. 8	27	Male	do	Epilepsy, . . .	5 years	Private Bond	4 yrs 7 mths	Remains	Not improved		
7221	April 19	32	do	do	do . . .	32 do	Probate Court	4 yrs 5 mths	do	Improved		
7225	do 24	40	Female	Married	Intemperance, . .	2 months	The Overseers	4 yrs 5 mths	do	Not improved		
7227	do 28	30	do	do	Puerperal, . . .	6 do	Probate Court	3 yrs 8 mths	Discharged	Improved		
7235	May 11	45	do	Single	Unknown, . . .	26 weeks	Private Bond	3 yrs 10 mths	do	do		
7253	June 5	62	Male	Widower	Ill health, . . .	3 months	Probate Court	3 yrs 7 m 2 d	do	Recovered		
7291	Aug. 5	69	do	Married	Intemperance, . .	15 years	do	4 yrs 1 mth	Remains	Not improved		Homicidal.
7294	do 9	17	do	Single	Epilepsy, . . .	2½ do	do	4 yrs 1 mth	do	do		
7298	do 14	24	do	do	Unknown, . . .	3 do	do	3 yrs 5 m 16 d	Discharged	Improved		
7306	Sept. 1	70	do	Widower	Ill health, . . .	1½ do	Private Bond	4 yrs 1 mth	Remains	Not improved		
7313	do 7	30	Female	Single	Unknown, . . .	1 week	Probate Court	3 yrs 7 m 14 d	Discharged	Recovered		do
7341	Oct. 24	22	do	do	Epilepsy, . . .	5 years	do	3 yrs 11 mths	Remains	Improved		
7342	do 25	33	Male	do	Ill health, . . .	6 months	do	2 yrs 11 m 12 d	Discharged	Not improved		
7356	Nov. 11	24	do	do	Masturbation, . .	3 do	do	3 yrs 20 ds	Remains	Improved		
7367	do 24	41	do	Married	Paralysis, . . .	2 weeks	do	3 yrs 7 mths	Died	Paralysis		

7376	Dec. 2	27	Female	Married	Puerperal, . . .	2 weeks	Probate Court	3 yrs 28 dys	Discharged	Improved		
7384	do 8	25	do	Single	Disappointment in love,	6 months	do	3 yrs 4 m 14 d	do	Recovered		
7387	do 9	69	do	Widow	Intemperance, . .	1 month	Private Bond	3 yrs 9 mths	Remains	Improved		
	1866											
7403	Jan. 8	28	Male	Single	Epilepsy, . . .	4 months	The Overseers	3 yrs 8 mths	do	Not improved		
7410	do 12	65	do	Married	do . . .	10 years	Private Bond	3 yrs 8 mths	do	Improved	Suicidal.	
7421	do 27	60	do	do	Unknown, . . .	6 months	Probate Court	3 yrs 8 mths	do	do		Homicidal.
7425	Feb. 5	54	do	do	Ill health, . . .	4 do	The Overseers	3 yrs 7 mths	do	do		
7431	do 12	42	do	Single	Masturbation, . .	2 years	Probate Court	3 yrs 7 mths	do	Not improved		do
7436	do 14	26	Female	do	do . . .	3 do	Private Bond	3 yrs 7 mths	do	do	Hereditary.	
7467	April 6	32	Male	do	Pecuniary trouble, .	3 weeks	do	3 yrs 5 m 7 d	Discharged	Recovered		
7485	May 7	42	Female	do	Ill health, . . .	20 years	Probate Court	3 yrs 4 mths	Remains	Improved		
7491	do 14	16	do	do	Epilepsy, . . .	5 do	do	3 yrs 4 mths	do	Not improved		
7494	do 17	35	Male	do	Unknown, . . .	5 do	do	2 yrs 4 m 15 d	Discharged	Improved		
7507	June 6	50	do	Married	Ill health, . . .	3 months	Sup. Court	3 yrs 3 mths	Remains	do		
7508	do 7	29	Female	Single	Congenital, . . .	16 years	The Overseers	3 yrs 3 mths	do	do	do	
7509	do 9	36	Male	do	Ill health, . . .	1 year	Probate Court	2 yrs 6 m 28 d	Discharged	Recovered		
7510	do 9	76	Female	do	do . . .	27 years	do	3 yrs 13 dys	Died	Old age		
7517	do 15	43	Male	do	do . . .	3 weeks	do	2 yrs 6 m 13 d	Discharged	Improved		
7524	do 20	24	do	do	Masturbation, . .	1 month	Private Bond	2 yrs 11 m 11 d	do	do		
7538	July 1	52	do	do	Intemperance, . .	10 years	Probate Court	3 yrs 3 mths	Remains	do		
7550	do 12	61	do	Married	Pecuniary trouble, .	3 do	Private Bond	3 yrs 2 mths	do	do		
7568	Aug. 2	73	do	Widower	Old age, . . .	1 year	The Overseers	3 yrs 1 mth	do	Not improved		
7589	Sept. 1	35	Female	Single	Ill health, . . .	2 years	Probate Court	3 yrs 1 mth	Remains	Improved		
7590	do 1	25	do	Married	Puerperal, . . .	2 months	do	2 yrs 5 m 3 d	Discharged	Recovered		
7595	do 6	17	Male	Single	Masturbation, . .	4 years	Private Bond	3 yrs 25 dys	Remains	Improved		
7600	do 12	22	do	Married	do . . .	1 month	Probate Court	3 yrs 19 dys	do	do		
7609	do 19	35	do	do	Ill health, . . .	8 months	do	2 yrs 3 m 26 d	Discharged	do		
7619	do 22	19	do	Single	Masturbation, . .	4 do	do	2 yrs 11 mths	Remains	do		
7624	Oct. 18	30	do	do	Epilepsy, . . .	Unknown	The Overseers	2 yrs 11 mths	do	do		
7634	Nov. 5	33	do	do	Ill health, . . .	1 week	Private Bond	2 yrs 10 m 26 d	do	do		Periodical.
7645	do 21	66	Female	Widow	Unknown, . . .	20 years	Probate Court	2 yrs 10 mths	do	do		
7646	do 21	57	do	Married	Turn of life, . . .	11 do	Private Bond	2 yrs 1 m 22 d	Discharged	do		do
7652	do 26	45	do	do	Intemperance, . .	3 months	Probate Court	2 yrs 9 mths	do	Recovered	Suicidal.	Homicidal.
7660	Dec. 7	76	do	Widow	Unknown, . . .	22 years	Private Bond	2 yrs 8 m 25 d	Died	Old age		
7677	do 24	26	do	Married	do . . .	3 weeks	Probate Court	2 yrs 9 mths	Remains	Not improved		
	1867											
7682	Jan. 1	45	Male	Single	Masturbation, . .	29 years	Sup. Court	2 yrs 6 m 14 d	Discharged	Improved		
7702	Feb. 4	30	do	do	Unknown, . . .	6 months	The Overseers	2 yrs 7 mths	Remains	do	Hereditary.	

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1867											
7720	Feb. 20	29	Male	Single	Intemperance,	1 week	Probate Court	1 yr 11 m 7 d	Discharged	Improved		
7724	do 25	45	do	Married	Ill health,	1 do	do	2 yrs 7 mths	Remains	do		
7730	do 28	40	do	Single	do	1 do	do	1 yr 9 m 22 d	Discharged	Recovered		
7735	Mar. 6	65	do	Married	Paralysis,	18 months	do	2 yrs 6 mths	Remains	Not improved		Homicidal.
7740	do 13	48	do	do	Unknown,	3 years	do	1 yr 7 m 15 d	Discharged	Improved		
7747	do 27	56	Female	do	Ill health,	5 do	The Overseers	2 yrs 6 mths	Remains	Not improved	Hereditary.	
7754	April 1	36	do	Widow	do	10 months	Probate Court	2 yrs 6 mths	do	Improved	Suicidal.	
7760	do 8	58	do	do	Puerperal,	25 years	Private Bond	2 yrs 5 mths	do	do		
7761	do 9	57	Male	Married	Epilepsy,	29 do	The Overseers	2 yrs 5 mths	do	Not improved		
7771	do 26	50	do	do	Ill health,	2 do	Probate Court	2 yrs 5 mths	do	do		
7781	May 8	36	do	do	Intemperance,	1 month	do	1 yr 8 m 28 d	Discharged	do	do	
7784	do 10	45	do	Single	Masturbation,	9 years	The Overseers	2 yrs 4 mths	Remains	do	Hereditary.	
7791	do 14	47	Female	do	Ill health,	8 do	Private Bond	2 yrs 4 mths	do	Improved		
7793	do 16	78	do	do	Old age,	6 do	do	2 yrs 2m 8 d	Died	Old age	do	
7795	do 17	35	Male	do	Fever,	3 do	do	1 yr 7 m 6 d	Discharged	Improved		
7798	do 21	73	do	do	Unknown	63 do	do	1 yr 7 m 28 d	Died	Old age		
7799	do 23	85	Female	Widow	Old age,	4 do	The Overseers	2 yrs 4 mths	Remains	Not improved		
7813	June 6	70	Male	Married	Unknown,	9 months	Private Bond	1 yr 6 m 28 d	Died	Apoplexy	do	
7814	do 6	25	Female	Single	do	10 years	The Overseers	2 yrs 3 mths	Remains	Not improved	do	
7817	do 11	38	do	Married	Ill health,	10 months	Probate Court	2 yrs 3 mths	do	Improved		
7839	July 2	21	Male	Single	Masturbation,	2 do	do	2 yrs 2 mths	do	Not improved		
7845	do 10	54	Female	Widow	Unknown,	14 years	do	2 yrs 2 mths	do	Improved		
7846	do 10	38	do	Married	Ill health,	2 months	do	2 yrs 2 mths	do	do	Suicidal.	
7849	do 10	70	do	Single	Injury to head,	3 weeks	Private Bond	2 yrs 2 mths	do	do		Periodical.
7854	do 13	32	do	do	Unknown,	7 years	The Overseers	1 yr 3 m 29 d	Discharged	Recovered		
7860	do 29	45	do	Married	Ill health,	1 year	Probate Court	1 yr 3 m 27 d	do	do	do	
7861	do 29	40	do	do	Turn of life,	4 years	do	1 yr 5 m 10 d	do	do	do	
7865	do 31	72	do	Widow	Old age,	7 months	do	2 yrs 2 mths	Remains	Not improved		
7871	do 3	24	do	Single	Ill health,	1 week	do	1 yr 8 m 15 d	Discharged	Recovered		
7877	Aug. 14	24	Male	do	Intemperance,	3 months	Board of S. C.	1 yr 5 m 16 d	do	Improved		
7878	do 14	47	Female	Married	Turn of life,	3 do	Probate Court	2 yrs 1 mth	Remains	Not improved		do
7880	do 17	36	do	do	Puerperal,	2 weeks	Private Bond	1 yr 2 m 21 d	Discharged	Improved		
7881	do 19	53	do	Widow	Turn of life,	2 do	Probate Court	1 yr 5 mth	Died	Exhaustion		

7882	Aug. 19	34	Male	Married	Intemperance, . .	4 years	Probate Court	2 yrs 1 mth	Remains	Not improved		
7886	do 23	35	do	do	do . . .	1 week	do	1 yr 2 m 27 d	Discharged	Improved		
7887	do 24	38	Female	do	Unknown, . . .	1 do	do	1 yr 7 m 8 d	do	do		
7896	Sept. 16	38	do	do	Ill health, . . .	4 years	The Overseers	2 yrs 15 dys	Remains	Not improved	Hereditary.	
7898	do 19	29	Male	Single	Intemperance, . .	4 do	Probate Court	2 yrs 12 dys	do	do		
7900	do 24	31	Female	do	Unknown, . . .	6 months	do	2 yrs 7 dys	do	do		
7903	Oct. 1	54	Male	Married	Ill health, . . .	10 do	do	1 yr 9 mth	Discharged	Recovered		
7904	do 1	19	Female	do	Masturbation, . .	19 do	do	2 yrs	Remains	Improved		
7905	do 1	32	do	do	Puerperal, . . .	4 do	do	1 yr 3 m 28 d	Discharged	do		
7913	do 14	40	do	do	Ill health, . . .	4 weeks	do	1 yr 3 m 15 d	do	do		
7915	do 19	25	do	Single	Amenorrhœa, . .	3 do	The Overseers	1 yr 2 m 13 d	do	do		
7917	do 24	31	Male	do	Intemperance, . .	2 do	Probate Court	1 yr 11 m 8 d	Remains	Not improved		
7918	do 26	60	Female	do	Unknown, . . .	3 years	The Overseers	1 yr 11 m 6 d	do	Improved		
7922	Nov. 2	41	do	do	Ill health, . . .	1½ do	do	1 yr 10 m 12 d	Died	Marasmus		
7939	do 23	32	do	Married	do . . .	2 do	Probate Court	1 yr 10 m 8 d	Remains	Not improved		
7940	do 25	39	do	Single	Unknown, . . .	20 do	Private Bond	1 yr 10 m 5 d	do	Improved		
7943	Dec. 6	40	Male	Married	Epilepsy, . . .	3 months	Probate Court	1 yr 9 m 26 d	do	do	do	Suicidal.
7945	do 7	34	Female	do	Ill health, . . .	3 weeks	do	1 yr 9 m 25 d	do	do		
7949	do 11	73	do	Widow	Old age, . . .	1 year	Private Bond	1 yr 11 dys	Died	Old age		
7954	do 20	42	Male	Married	Unknown, . . .	6 months	Sup. Court	1 yr 9 m 12 d	Remains	Improved		Homicidal.
7957	do 24	34	do	Single	Epilepsy, . . .	27 years	Private Bond	1 yr 9 m 8 d	do	do		
7958	do 27	54	Female	do	Spiritualism, . .	5 do	Sup. Court	1 yr 9 m 5 d	do	do		
7964	do 31	23	Male	do	Masturbation, . .	3 weeks	Probate Court	1 yr 9 mth	do	do	Suicidal.	
	1868											
7969	Jan. 7	37	do	do	Unknown, . . .	1 week	do	1 yr 8 m 25 d	do	Not improved		
7973	do 11	46	do	Married	Paralysis, . . .	6 months	do	1 yr 8 m 21 d	do	do		
7974	do 14	63	Female	Widow	Domestic affliction, .	24 years	Private Bond	11 mths 23 dys	Discharged	Improved		Periodical.
7981	do 24	33	Male	Married	Pecuniary trouble, .	1 week	Probate Court	1 yr 2 m 8 d	do	do		
7985	do 31	60	do	Single	Unknown, . . .	5 years	Private Bond	1 yr 8 mths	Remains	do		do
7991	Feb. 12	7	Female	do	Epilepsy, . . .	4 do	Probate Court	1 yr 7 m 18 d	do	do		
7995	do 18	51	do	do	Turn of life, . . .	2 months	do	7 mths 12 d	Discharged	Recovered		Homicidal.
8001	do 24	35	Male	do	Unknown, . . .	10 years	Sup. Court	1 yr 7 m 6 d	Remains	Improved		do
8004	do 28	66	Female	Widow	Puerperal, . . .	35 do	Probate Court	1 yr 7 m 2 d	do	do		
8005	do 29	18	Male	Single	Ill health, . . .	1 month	do	10 mths 29 dys	Discharged	do	do	
8006	Mar. 2	31	do	do	Pecuniary trouble, .	6 months	do	8 mths	do	Recovered	do	
8008	do 10	28	do	do	Ill health, . . .	From inf.	do	1 yr 6 m 22 d	Remains	Improved	Hereditary.	
8009	do 12	17	do	do	Epilepsy, . . .	7 years	do	1 yr 3 m 20 d	Discharged	Not improved		
8010	do 12	40	do	Married	Ill health, . . .	1 year	do	1 yr 6 m 20 d	Remains	Improved		
8011	do 12	44	do	Widower	Paralysis, . . .	2 weeks	do	7 mths 26 dys	Discharged	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary	Homicidal. Periodical.
	1868											
8015	Mar. 18	40	Female	Widow	Ill health, . . .	1 month	Probate Court	8 mths	Discharged	Recovered		
8017	do 19	24	do	Single	Unknown, . . .	2 years	The Overseers	1 yr 6 m 13 d	Remains	Improved	Hereditary.	
8019	do 22	64	Male	Married	Abscess in brain, . .	35 do	Probate Court	6 mth 18 dys	Discharged	Recovered		Periodical.
8021	do 24	42	Female	do	Ill health, . . .	14 do	do	1 yr 6 m 6 d	Remains	Improved	do	
8023	do 25	38	Male	Widower	Intemperance, . .	2 weeks	do	1 yr 6 m 7 d	do	do	do	
8024	do 26	21	Female	Single	Epilepsy, . . .	1 year	do	1 yr 28 dys	Discharged	do	do	Homicidal
8026	April 1	40	do	do	do . . .	12 years	do	6 mths 28 dys	do	do		
8027	do 1	35	do	Married	Unknown, . . .	2 do	do	1 yr 5 m 6 d	Died	Exhaustion		
8828	do 1	23	do	Single	do . . .	2 do	do	1 yr 6 mths	Remains	Not improved		
8029	do 1	44	Male	Married	Paralysis, . . .	1½ do	do	1 yr 3 mths	Discharged	Improved		Periodical.
8030	do 1	44	Female	do	Ill health, . . .	3 months	do	1 yr 3 m 13 d	do	do		do
8032	do 1	45	Male	do	Domestic affliction, .	6 do	do	9 mths 18 dys	do	do		do
8033	do 2	33	Female	do	Ill health, . . .	3 days	do	7 mths 11 dys	do	Recovered		do
8036	do 2	44	Male	Single	Domestic trouble, .	6 months	Private Bond	1 yr	do	Improved		
8037	do 7	29	Female	Married	Puerperal, . . .	2 weeks	Probate Court	5 mths 25 dys	do	Recovered		
8038	do 8	45	Male	do	Unknown, . . .	1 year	do	6 mths 19 dys	do	Improved		
8039	do 8	45	Female	do	do . . .	1 do	do	1 yr 4 m 17 d	do	do		do
8040	do 8	35	Male .	Single	Injury to head, . .	3 months	do	9 mths 27 dys	do	do		
8041	do 9	40	do	Married	Unknown, . . .	10 years	The Overseers	1 yr 5 m 22 d	Remains	Not improved		
8042	do 11	45	do	Single	do . . .	2 weeks	Probate Court	6 mths 4 dys	Discharged	Recovered		
8043	do 15	35	do	do	Epilepsy, . . .	18 years	do	1 yr 2 m 16 d	do	Not improved		
8045	do 15	39	Female	Married	Unknown, . . .	3 months	Private Bond	8 mths 16 dys	do	Improved	do	
8046	do 15	59	do	Widow	Domestic affliction, .	9 do	do	5 mths 21 dys	do	Recovered		
8047	do 17	65	do	do	Ill health, . . .	3 do	do	11 mths	do	Improved		
8052	do 20	56	Male	Married	Paralysis, . .	3 years	Probate Court	1 yr 5 m 11 d	Remains	Not improved		Homicidal.
8053	do 20	33	do	do	Unknown, . . .	15 months	do	8 mths 8 dys	Discharged	Improved		
8055	do 21	48	do	do	do . . .	1 year	do	5 mths 10 dys	do	do	Hered., Period. & Homi.	
8056	do 24	56	do	do	do . . .	3 years	Private Bond	6 mths 18 dys	do	Not improved	Suicidal.	
8058	do 29	55	do	do	Paralysis, . . .	4 months	Probate Court	10 mths 24 dys	do	Improved		
8059	do 29	32	Female	Single	Unknown, . . .	1 year	Private Bond	1 yr 5 m 2 d	Remains	do		
8060	do 29	35	Male	Married	Domestic affliction, .	6 months	Probate Court	5 mths 29 dys	Discharged	do		
8062	May 2	37	Female	do	Unknown, . . .	1 month	do	1 yr 2 m 15 d	do	do		
8063	do 4	68	do	do	Injury of head, . .	7 years	The Overseers	1 yr 4 m 18 d	Died	Exhaustion		

8064	May	4	44	Female	Single	Unknown, . . .	3 years	The Overseers	1 yr 4 m 28 d	Remains	Not improved		Periodical.
8067	do	8	70	Male	Widower	Intemperance, . .	3 months	Probate Court	6 mths	Discharged	Improved		
8068	do	9	47	Female	Single	Unknown, . . .	16 years	do	1 yr 4 m 23 d	Remains	Not improved	Hereditary.	
8069	do	9	53	Male	Married	Ill health, . . .	2 weeks	do	4 mths 28 dys	Discharged	Recovered		do
8070	do	11	19	Female	Single	Amenorrhœa, . .	6 months	do	1 yr 3 m 16 d	do	do		
8071	do	12	40	Male	do	Masturbation, . .	16 years	The Overseers	1 yr 4 m 20 d	do	Improved		
8072	do	13	71	Female	Widow	Hard work, . . .	5 months	Probate Court	9 mths 27 dys	do	do		do
8073	do	13	47	do	Single	Turn of life, . .	2 weeks	do	1 yr 4 m 19 d	Remains	do		do
8076	do	18	34	do	Married	Puerperal, . . .	8 years	Private Bond	1 yr 4 m 14 d	do	do		
8078	do	19	79	Male	Widower	Old age, . . .	1 year	Probate Court	10 mths 13 dys	Discharged	do	do	
8081	do	26	29	Female	Married	Unknown, . . .	3 years	do	8 mths	Died	Paralysis	do	
8083	do	26	50	do	do	Ill health, . . .	10 do	do	1 yr 4 m 5 d	Remains	Not improved		do
8086	June	1	22	do	Single	Excessive joy, . .	1 week	do	4 mths 1 day	Discharged	Recovered		
8088	do	2	42	do	Married	Turn of life, . . .	7 months	do	5 mths 24 dys	do	do		
8089	do	2	25	Male	Single	Epilepsy, . . .	2 years	Private Bond	1 yr 3 m 29 d	Remains	Not improved		
8090	do	9	40	Female	Widow	Unknown, . . .	3 do	Probate Court	3 mths 22 dys	Discharged	Improved	do	
8093	do	11	37	Male	Single	Masturbation, . .	1 year	do	4 mths 26 dys	do	do		
8095	do	13	49	Female	do	Turn of life, . . .	7 years	do	1 yr 24 dys	do	Recovered		
8096	do	16	31	do	do	Unknown, . . .	6 months	do	9 mths 16 dys	do	Improved		
8097	do	16	22	Male	do	Masturbation, . .	3 do	do	1 yr 3 m 15 d	Remains	Not improved		
8100	do	17	60	Female	Widow	Old age, . . .	9 do	do	1 yr 3 m 14 d	do	Improved		
8101	do	18	32	do	Single	Disappointment in love,	8 years	Board of S. C.	1 yr 26 dys	Discharged	do	do	
8102	do	19	36	Male	do	Unknown, . . .	14 do	Probate Court	1 yr 3 m 12 d	Remains	Not improved	do	
8103	do	20	44	do	do	Intemperance, . .	1 week	do	3 mths 16 dys	Discharged	Recovered		
8104	do	20	26	Female	do	Unknown, . . .	1 do	do	1 yr 3 m 11 d	Remains	Improved	do	and Suicidal.
8107	do	24	22	Male	Married	do . . .	3 months	The Overseers	1 yr 3 m 7 d	do	Not improved	do	
8108	do	24	26	Female	do	Puerperal, . . .	1 month	do	7 mths 20 dys	Discharged	Recovered	do	do
8110	do	25	61	do	Single	Unknown, . . .	5 months	Private Bond	1 yr 29 dys	do	do	do	
8111	do	26	56	do	do	do . . .	2 do	Probate Court	4 mths 17 dys	do	do		
8112	do	27	21	Male	do	do . . .	6 years	do	9 mths 4 dys	do	Improved	do	Homicidal.
8114	do	29	43	Female	Married	Turn of life, . . .	6 months	do	4 mths 12 dys	do	do		Periodical.
8115	do	29	40	do	do	do . . .	3 years	Private Bond	3 mths 2 dys	do	Recovered		
8117	July	1	48	Male	do	Unknown, . . .	1 month	Board of S. C.	4 mths 4 dys	Died	Exhaustion		
8118	do	1	34	Female	Widow	do . . .	Unknown	do	1 yr 3 mths	Remains	Not improved		
8119	do	1	45	do	do	do . . .	10 months	Probate Court	4 mths 6 dys	Discharged	Improved		
8120	do	1	26	do	Single	do . . .	6 weeks	do	3 mths 1 dy	do	Recovered	Suicidal.	
8121	do	1	65	do	do	do . . .	1 month	Private Bond	6 mths	Died	Exhaustion	Hereditary and	do
8122	do	2	32	Male	do	do . . .	6 years	do	11 mths 25 dys	Discharged	Not improved	do	
8124	do	3	24	do	do	Masturbation, . .	2 months	The Overseers	10 mths 27 dys	do	Recovered		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary. Homicidal. Periodical.
	1868										
8125	July 3	29	Male	Married	Domestic trouble, .	1 year	Probate Court	1 yr 2 m 28 d	Remains	Improved	Hereditary and Suicidal.
8128	do 4	60	do	Single	Unknown, . . .	Unknown	Private Bond	1 yr 2 m 28 d	do	Not improved	
8129	do 6	27	do	do	Masturbation, . .	6 months	do	1 yr 2 m 26 d	do	do	
8134	do 11	24	Female	do	Fever, ...	2 years	Probate Court	3 mths 17 dys	Discharged	Improved	
8135	do 14	32	do	Married	Unknown, . . .	1 month	do	5 mths 21 dys	do	do	do Suici. & Period.
8136	do 15	35	Male	do	do . . .	2 years	do	1 yr 23 dys	do	do	do
8137	do 15	30	Female	Single	do . . .	Unknown	do	10 mths 5 dys	Discharged	do	
8138	do 18	74	Male	Married	Paralysis, . . .	4 years	Private Bond	9 mths 28 dys	Died	Paralysis	do
8139	do 20	70	Female	Widow	Unknown, . . .	3 do	Probate Court	3 mths 8 dys	Discharged	Improved	do
8140	do 20	38	Male	Married	Intemperance, . .	6 months	do	3 mths 23 dys	Died	Paralysis	
8141	do 20	38	do	Single	Sun stroke, . . .	10 years	The Overseers	1 yr 2 m 12 d	Remains	Not improved	
8142	do 20	29	do	Married	Intemperance, . .	3 do	Probate Court	5 mths 11 dys	Discharged	Recovered	
8143	do 21	75	do	Widower	Unknown, . . .	2 do	do	6 mths 24 dys	Died	Paralysis	do
8145	do 21	62	Female	Married	Puerperal, . . .	30 do	Private Bond	1 yr 2 m 11 d	Remains	Not improved	
8146	do 22	51	Male	Widower	Unknown, . . .	2 weeks	Probate Court	9 mths 5 dys	Discharged	Recovered	Suicidal. do
8148	do 24	25	do	Single	do . . .	1 month	do	9 mths 12 dys	do	do	
8149	do 24	57	do	Married	do . . .	2 weeks	do	1 yr 2 m 8 d	Remains	Not improved	Hereditary. do
8150	do 27	60	Female	do	Domestic affliction, .	3 months	do	8 mths 26 dys	Discharged	Improved	do and Suicidal.
8151	do 29	45	do	do	Unknown, . . .	14 years	Private Bond	1 yr 2 m 3 d	Remains	do	
8152	do 30	45	do	Single	do . . .	5 do	Probate Court	3 mths 8 dys	Discharged	do	
8153	Aug. 7	51	do	Married	Ill health, . . .	9 do	do	1 yr 1 m 25 d	Remains	Not improved	Periodical.
8154	do 7	36	do	Single	Unknown . . .	1 week	do	2 mths 9 dys	Discharged	Recovered	
8156	do 11	73	Male	Married	Old age, . . .	7 years	do	1 yr 1 m 21 d	Remains	Improved	do
8157	do 13	23	Female	do	Puerperal, . . .	1 week	do	1 mth 23 dys	Discharged	Recovered	
8159	do 14	25	Male	Single	Masturbation, . .	7 months	do	1 yr 1 m 18 d	Remains	Improved	
8162	do 19	43	do	do	do . . .	15 years	The Overseers	1 yr 1 m 13 d	do	Not improved	
8163	do 22	71	Female	Married	Unknown, . . .	25 do	Private Bond	1 yr 1 m 10 d	do	do	do
8164	do 22	37	do	Single	do . . .	11 do	do	1 yr 1 m 10 d	do	do	do
8165	do 22	22	Male	do	Masturbation, . .	1 year	Probate Court	7 mths 10 dys	Discharged	Improved	Suicidal.
8166	do 25	45	Female	Widow	Unknown, . . .	6 months	do	2 mths 13 dys	do	do	
8167	do 27	40	Male	Single	Intemperance, . .	Unknown	do	5 mths 4 dys	do	Recovered	Hereditary.
8168	do 29	24	do	do	Epilepsy, . . .	22 years	The Overseers	1 yr 1 m 3 d	do	Improved	
8169	do 31	40	do	Married	Intemperance, . .	8 do	Probate Court	1 yr 1 m 3 d	Remains	do	

8170	Sept.	1	49	Male	Married	Intemperance, . .	2 months	Probate Court	4 mths		Discharged	Recovered		
8171	do	2	37	Female	Single	Unknown, . . .	2 do	Private Bond	1 yr	1 mth	Remains	Not improved		Periodical.
8172	do	2	50	Male	Married	do . . .	10 years	Probate Court	1 mth	22 dys	Discharged	Recovered		do
8173	do	3	40	do	Widower	do . . .	3 months	do	4 mths	27 dys	do	do		do
8174	do	3	71	Female	Widow	do . . .	3 weeks	Private Bond	5 mths	21 dys	do	Not improved	Hereditary.	do
8175	do	4	45	Male	Single	do . . .	5 years	Probate Court	4 mths	12 dys	do	Recovered		do
8176	do	5	35	Female	Married	Spiritualism, . .	1 year	Private Bond		29 dys	do	do	do	
8178	do	11	26	do	do	Unknown, . . .	2 months	Probate Court	7 mths	20 dys	do	do		
8179	do	11	42	do	Widow	Intemperance, . .	1 week	do	7 mths	11 dys	do	do		
8180	do	11	44	do	do	Ill health, . . .	1 do	do	10 mths	23 dys	do	Not improved		
8181	do	15	55	Male	Married	Unknown, . . .	10 years	do	2 mths	20 dys	do	Recovered	do	
8182	do	15	34	do	Single	do . . .	10 do	do	1 yr	16 dys	Remains	Improved		do
8183	do	16	15	do	do	do . . .	1 year	do	6 mths	24 dys	Discharged	Recovered	do	do
8184	do	18	32	Female	Married	Puerperal, . . .	1 week	do	10 mths	16 dys	do	Improved		
8185	do	18	36	Male	Single	Intemperance, . .	8 months	do	6 mths	29 dys	Died	Apoplexy		
8186	do	19	25	do	do	Masturbation, . .	2 do	do	4 mths	12 dys	Discharged	Improved		
8187	do	22	58	Female	Married	Unknown, . . .	2 weeks	Private Bond		28 dys	do	Recovered	do	
8188	do	23	17	Male	Single	Religious excitement, .	1 week	Probate Court	5 mths	11 dys	do	do		
8191	do	28	72	do	Married	Old age, . . .	1 year	Private Bond	1 yr	3 dys	Remains	Not improved	do	
8192	do	29	40	do	do	Injury of head, . .	3 years	Probate Court	3 mths		Discharged	Improved		Homicidal.
8193	do	29	51	do	Widower	Masturbation, . .	12 do	do	7 mths	17 dys	do	do	do	Periodical.
8194	do	29	41	Female	Single	Unknown, . . .	15 do	Private Bond	6 mths	19 dys	do	do		do
8195	do	29	47	do	Widow	Puerperal, . . .	24 do	do	8 mths	26 dys	do	Recovered		do
8196	do	30	47	Male	Married	Intemperance. . .	1 year	do	3 mths		do	do		
8197	do	30	26	Female	Single	Masturbation, . .	1 do	Probate Court	6 mths	21 dys	do	Improved		
8198	do	30	23	Male	do	Unknown, . . .	2 months	do	1 mth	20 dys	do	do	do	
8199	Oct.	1	38	do	Married	Ill health, . . .	3 weeks	The Overseers	1 yr		Remains	do	do	do
8200	do	1	19	do	Single	Intemperance, . .	1 week	Probate Court	3 mths	29 dys	Discharged	do		
8201	do	1	34	Female	do	Disappointment, . .	1 year	Private Bond	3 mths		do	Recovered	do	
8202	do	1	35	Male	do	Masturbation, . .	13 years	do	1 yr		Remains	Improved		
8203	do	1	48	do	Married	Intemperance, . .	6 months	Probate Court	1 yr		do	Not improved		do
8204	do	1	40	Female	Widow	Ill health, . . .	3 years	do	5 mths		Discharged	Improved	do	
8205	do	1	37	Male	Single	do . . .	7 do	do	7 mths	15 dys	Died	Consumption	do	
8206	do	2	40	Female	do	Unknown, . . .	2 months	do	6 mths	18 dys	Discharged	Recovered		
8207	do	2	50	Male	Married	Intemperance, . .	–	do		22 dys	do	do		
8208	do	5	40	do	do	do . . .	2 weeks	do	1 mth	24 dys	do	do		
8209	do	6	57	do	do	Ill health, . . .	8 months	The Overseers		14 dys	Died	Paralysis		
8210	do	7	41	Female	do	do . . .	1 year	do	6 mths	25 dys	Discharged	Improved	do	
8211	do	7	50	Male	Single	Constitutional, . .	50 years	Probate Court	11 mths	25 dys	Remains	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1868											
8212	Oct. 8	28	Female	Married	Miscarriage, . .	3 months	Private Bond	2 mths 24 dys	Discharged	Recovered		
8213	do 9	68	Male	do	Intemperance, . .	5 years	Probate Court	15 dys	Died	Paralysis		
8214	do 10	50	do	do	Paralysis, . . .	2 do	Private Bond	1 dy	Discharged	Not improved	Hereditary.	
8215	do 10	28	Female	do	Puerperal, . . .	2 do	do	10 mths 29 dys	do	Improved		
8216	do 10	27	Male	Single	Sun stroke, . . .	3 do	Probate Court	6 mths 10 dys	do	do		
8217	do 10	40	do	Married	Paralysis, . . .	6 do	The Overseers	11 mths 21 dys	Remains	Not improved		
8218	do 13	39	do	Single	Injury to head, . .	16 do	Private Bond	11 mths 19 dys	do	Improved		Periodical.
8219	do 13	67	Female	Widow	Ill health, . . .	6 months	do	2 mths 25 dys	Discharged	do		do
8220	do 14	29	do	Married	do . . .	14 years	The Overseers	8 mths 23 dys	do	do		do
8221	do 17	35	Male	–	Unknown, . . .	1 month	Probate Court	1 mth 2 dys	do	Not improved		Homicidal.
8222	do 19	25	Female	Married	Puerperal, . . .	1 week	do	3 mths 2 dys	do	Recovered		
8223	do 19	38	Male	Single	Constitutional, . .	38 years	The Overseers	11 mths 13 dys	Remains	Improved		
8224	do 21	48	Female	Married	Turn of life, . . .	4 do	Private Bond	2 mths	Discharged	Recovered		
8225	do 24	56	Male	do	Unknown, . . .	–	Probate Court	11 mths 8 dys	Remains	Improved	do	and Periodi'l.
8226	do 26	25	do	Single	Masturbation, . .	1 year	Private Bond	11 mths 6 dys	do	Not improved		do
8227	do 26	23	do	do	do . . .	6 months	Probate Court	24 dys	Discharged	Recovered		
8228	do 27	70	do	do	Intemperance, . .	3 do	do	8 dys	Died	Exhaustion		
8229	do 27	48	do	do	Unknown, . . .	–	Private Bond	6 mths 12 dys	Discharged	Improved	do	do
8230	do 27	68	do	do	do . . .	–	do	6 mths 16 dys	do	do	do	do
8231	do 31	45	do	Married	do . . .	1 year	Probate Court	4 mths	do	do	do	do
8232	Nov. 5	45	Female	do	Turn of life, . . .	1 week	Private Bond	1 mth 20 dys	do	Recovered		
8233	do 6	30	Male	do	Ill health, . . .	1 do	Probate Court	10 mths 25 dys	Remains	Improved		
8234	do 6	58	do	Single	Intemperance, . .	6 weeks	do	6 dys	Died	Paralysis		
8235	do 8	50	Female	Married	Turn of life, . .	2 years	The Overseers	1 mth 15 dys	Discharged	Recovered		Homicidal.
8236	do 9	40	do	Widow	Unknown, . . .	2 months	Probate Court	5 mths 13 dys	do	do		
8237	do 9	33	do	Married	Puerperal, . . .	4 years	do	4 mths 22 dys	do	Improved		
8238	do 10	43	do	do	Turn of life, . .	10 months	do	1 mth 22 dys	do	Recovered		Periodical.
8239	do 10	44	do	Widow	Intemperance, . .	3 weeks	do	2 mths 18 dys	do	Improved		
8240	do 11	28	do	Married	Unknown, . . .	1 year	do	7 mths 9 dys	do	Recovered		
8241	do 14	37	do	do	do . . .	16 months	Private Bond	10 mths 20 dys	Remains	Improved		do
8242	do 16	41	Male	do	do . . .	10 days	Probate Court	10 mths 15 dys	do	do	do	Homicidal.
8243	do 17	27	do	Single	Masturbation, . .	12 years	do	4 mths 26 ds	Discharged	do	do	
8244	do 20	80	do	do	Unknown, . . .	30 do	Private Bond	10 mths 11 dys	Remains	Not improved		Periodical.

8245	Nov.	21	20	Female	Single	Ill health, . . .	6 months	Probate Court	3 mths		Died	Exhaustion		
8246	do	21	40	Male	Married	Unknown, . . .	5 years	do	6 mths	6 dys	Discharged	Recovered		Periodical.
8247	do	24	24	do	Single	Epilepsy, . . .	1 year	do	10 mths	7 dys	Remains	Improved		
8248	do	24	42	do	Married	Intemperance, . .	12 years	do	10 mths	7 dys	do	do		
8249	do	24	58	do	Widower	do . . .	2 weeks	do	2 mths	2 dys	Discharged	Recovered		
8250	do	25	65	do	do	do . . .	2 years	do	3 mths		Died	Exhaustion		Homicidal.
8251	do	25	35	do	Single	Unknown, . . .	–	do		28 dys	Discharged	Not improved		do
8252	do	25	29	Female	Married	Puerperal, . . .	5 months	do	7 mths	5 dys	do	Improved		
8253	do	25	70	Male	do	Apoplexy, . . .	2 years	The Overseers	10 mths	6 dys	Remains	do		
8254	do	27	32	Female	Single	Unknown, . . .	3 weeks	Probate Court	1 mth	8 dys	Discharged	Recovered		
8255	do	29	56	Male	do	do . . .	12 years	Private Bond	10 mths	2 dys	Remains	Improved	Hereditary.	
8256	Dec.	1	36	Female	Married	Domestic affliction, .	6 months	Probate Court	4 mths	16 dys	Discharged	do		
8257	do	2	76	Male	Widower	Paralysis, . . .	1 week	do	4 mths	27 dys	do	Recovered		
8258	do	3	38	do	Married	Intemperance, . .	3 months	do	4 mths	26 dys	do	Improved		
8259	do	4	23	Female	do	Puerperal, . . .	4 do	do	7 mths	7 dys	do	Recovered	Suicidal and	do
8260	do	8	58	Male	do	Injury to head, . .	1 month	The Overseers	3 mths	25 dys	do	do	do	
8261	do	10	30	do	do	Ill health, . . .	1 do	Probate Court	4 mths	22 dys	do	do		
8262	do	10	27	Female	Single	do . . .	1 year	Private Bond	3 mths	22 dys	do	Improved	Hereditary.	
8263	do	10	30	do	do	Unknown, . . .	3 weeks	Probate Court	5 mths	18 dys	do	Recovered	do	Sui. & Period.
8264	do	10	25	do	Married	Domestic trouble, .	1 year	do		29 dys	do	Improved	do	
8265	do	11	31	Male	Single	Unknown, . . .	6 months	do	4 mths		do	do	do	
8266	do	12	33	do	Married	Intemperance, . .	2 weeks	do	3 mths		do	Recovered		Homicidal.
8267	do	14	17	do	Single	Nostalgia, . . .	1 week	do		18 dys	Died	Exhaustion		
8268	do	15	23	Female	do	Puerperal, . . .	1 do	do	9 mths	17 dys	Remains	Improved		
8269	do	16	20	do	do	Masturbation, . .	1 month	do	6 mths	3 dys	Discharged	do		
8270	do	16	64	do	Widow	Unknown, . . .	1 year	The Overseers	9 mths	16 dys	Remains	do	do	and Periodical.
8271	do	16	21	Male	Single	do . . .	6 months	Probate Court	4 mths		Discharged	do	do	
8272	do	19	50	do	Widower	Ill health, . . .	9 do	do	9 mths	13 dys	Remains	do		Homicidal.
8273	do	19	67	Female	Single	do . . .	3 weeks	do	5 mths	13 dys	Discharged	Recovered		
8274	do	21	33	do	Married	Inhaling gas, . .	2 do	do		21 dys	Died	Exhaustion		
8275	do	23	68	do	Single	Paralysis, . . .	8 years	do	5 mths		do	Paralysis		
8276	do	28	39	Male	Married	Unknown, . . .	1 year	The Overseers	3 mths	18 dys	do	Exhaustion		Periodical.
8277	do	28	23	Female	Single	Epilepsy, . . .	2½ years	Probate Court	9 mths	4 dys	Remains	Not improved		
8278	do	28	29	do	do	Disappointed affection,	6 months	Private Bond	9 mths	4 dys	do	Improved		
8279	do	29	30	do	Married	Fever, ...	4 do	Probate Court	7 mths	6 dys	Discharged	do		
8280	do	30	15	Male	Single	Masturbation, . .	4 years	Private Bond	2 mths	24 dys	do	Not improved		
8281	do	30	20	Female	do	Ill health, . . .	10 days	Probate Court	4 mths.		do	Recovered		
8282	do	31	45	do	do	Turn of life, . . .	3 months	Private Bond	9 mths	1 dy	Remains	Improved	Suicidal.	
8283	do	31	18	Male	do	Masturbation, . .	3 weeks	do	8 mths		Discharged	Recovered	Hereditary.	

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal Periodical.
	1868											
8284	Dec. 31	33	Female	Married	Use of opium, . .	7 years	Private Bond	4 mths 20 dys	Discharged	Recovered		
8285	do 31	29	do	do	Epilepsy, . . .	3 do	Probate Court	6 mths 17 dys	Died	Epilepsy		
	1869											
8286	Jan. 1	18	Male	Single	Unknown, . . .	–	do	6 mths 20 dys	Discharged	Improved		
8287	do 1	32	Female	Married	do . . .	6 months	do	2 mths	do	do	Hereditary.	
8288	do 5	22	Male	Single	Masturbation, . .	1 week	Private Bond	7 mths 8 dys	do	Recovered		
8289	do 7	70	Female	do	Unknown, . . .	1 year	Probate Court	2 mths 26 dys	do	Improved		
8290	do 9	32	Male	do	Masturbation, . .	18 months	do	8 mths 23 dys	Remains	do		Homicidal.
8291	do 12	60	do	Married	Unknown, . . .	3 weeks	do	8 mths 20 dys	do	do		
8292	do 12	73	do	Widower	do . . .	1 week	Private Bond	8 dys	Died	Exhaustion	do	and Periodical.
8293	do 13	47	do	Married	do . . .	3 months	Probate Court	5 mths 10 dys	Discharged	Recovered	do	
8294	do 13	44	do	do	do . . .	4 do	do	8 mths 19 dys	Remains	Not improved	do	
8295	do 13	41	Female	Single	Constitutional, . .	2 years	do	8 mths 19 dys	do	Improved		
8296	do 13	33	do	do	Unknown, . . .	9 do	do	8 mths 19 dys	do	do		
8297	do 14	33	do	Married	Ill health, . . .	1 month	do	8 mths 12 dys	Discharged	Recovered	do	
8298	do 14	52	Male	do	do . . .	1 do	The Overseers	4 mths 25 dys	do	do		
8299	do 16	36	do	do	Unknown, . . .	2 weeks	Probate Court	19 dys	do	Improved		
8300	do 20	23	Female	Single	Disappointed affection,	1 year	do	8 mths 12 dys	do	Recovered	do	
8301	do 22	30	Male	do	Masturbation, . .	7 years	Private Bond	8 mths 10 dys	Remains	Improved		
8302	do 22	22	do	do	Unknown, . . .	–	Probate Court	12 dys	Discharged	Recovered		Homicidal.
8303	do 23	58	do	do	Intemperance, . .	–	do	12 dys	do	do		Periodical.
8304	do 25	48	do	Married	Loss of property, . .	2 weeks	do	2 mths 13 dys	do	do		
8305	do 26	23	Female	Widow	Ill health, . . .	6 do	do	8 mths 6 dys	Remains	Improved	do	
8306	do 28	58	do	Married	Unknown, . . .	1 week	Private Bond	2 mths 21 dys	Discharged	Recovered		do
8307	do 28	40	do	do	do . . .	1 do	Probate Court	2 mths 26 dys	do	Improved		do
8308	do 30	23	Male	Single	Intemperance, . .	1 year	Private Bond	2 mths 2 dys	do	do	Suicidal.	
8309	Feb. 3	61	Female	Married	Unknown, . . .	4 months	The Overseers	7 mths 26 dys	Remains	Not improved		do
8310	do 3	18	Male	Single	Masturbation, . .	18 years	do	7 mths 26 dys	do	do	Hereditary.	
8311	do 3	36	do	Married	Paralysis, . . .	10 weeks	Probate Court	5 mths 8 dys	Discharged	Recovered		
8312	do 5	55	do	do	Unknown, . . .	2 do	Private Bond	2 mths 16 dys	do	do		do
8313	do 11	20	do	Single	Intemperance, . .	2 months	Probate Court	2 mths 13 dys	do	Improved		
8314	do 13	28	Female	Married	Puerperal, . . .	9 do	do	5 mths	do	do		Homicidal.
8315	do 16	32	Male	Single	Unknown, . . .	–	Sup. Court.	7 mths 13 dys	Remains	do		Periodical.

8316	Feb.	17	38	Male	Married	Unknown, . . .	3 years	Probate Court	8 dys	Discharged	Improved		Periodical.
8317	do	17	47	Female	do	Puerperal, . . .	9 do	do	7 mths 12 dys	Remains	do		
8318	do	20	35	do	do	Miscarriage, . .	16 months	do	7 mths 9 dys	do	do		Homicidal.
8319	do	22	49	do	Single	Unknown, . . .	1 year	do	7 mths 7 dys	do	do	Hereditary and	do
8320	do	22	50	Male	Married	do . . .	2 weeks	do	7 mths 7 dys	do	do		Periodical.
8321	do	24	34	Female	do	Puerperal, . . .	2 years	Board of S. C.	5 mths 8 dys	Discharged	do		do
8322	do	25	21	Male	Single	Over-exertion, . .	4 do	Probate Court	7mths 4 dys	Remains	do		do
8323	do	28	41	Female	Widow	Unknown, . . .	3½ do	do	7 mths 1 dy	do	Not improved	do	do
8324	do	28	32	do	Married	do . . .	8 months	do	7 mths 1 dy	do	Improved	do	do
8325	Mar.	1	54	Male	do	do . . .	2 weeks	do	7 mths	do	Not improve		do
8326	do	2	29	do	Single	Epilepsy, . . .	1 week	do	5 mths 2 dys	Discharged	Improved	do	
8327	do	2	34	do	Married	Injury to head, . .	11 years	Private Bond	6 mths 30 dys	Remains	do		
8328	do	3	40	Female	do	Ill health, . . .	1 month	do	1 mth	Discharged	Recovered	do	
8329	do	5	21	Male	Single	Sun-stroke, . . .	6 months	Probate Court	15 dys	do	Improved		
8330	do	6	39	Female	Widow	Epilepsy, . . .	20 years	Private Bond	6 mths 26 dys	Remains	do		do
8331	do	9	55	do	do	Ill health, . . .	4 months	do	3 mths 3 dys	Discharged	do	Suicidal.	do
8332	do	10	30	Male	Single	Masturbation, . .	11 years	Probate Court	4 mths 7 dys	do	do		
8333	do	11	25	Female	Married	Puerperal, . . .	8 months	Private Bond	1 mth 28 dys	do	do		
8334	do	13	55	do	Widow	Unknown, . . .	–	The Overseers	6 mths 19 dys	Remains	Not improved		do
8335	do	13	38	Male	Married	do . . .	3 years	do	6 mths 19 dys	do	Improved		do
8336	do	13	27	Female	do	do . . .	1 year	do	6 mths 19 dys	do	Not improved		
8337	do	16	21	do	Single	do . . .	–	Probate Court	6 mths 16 dys	do	Improved		do
8338	do	19	21	do	do	Fright, ...	2 weeks	do	6 mths 13 dys	do	do		
3339	do	20	28	Male	do	Epilepsy, . . .	10 days	Private Bond	5 mths 2 dys	Discharged	do		
8340	do	24	21	do	do	do . . .	3 weeks	do	6 mths 8 dys	Remains	do		
8341	do	24	48	Female	Married	Turn of life, . . .	3 do	Probate Court	2 mths 17 dys	Discharged	Recovered		
8342	do	27	18	Male	Single	Masturbation, . .	1 year	–	3 mths 10 dys	do	do		
8343	do	27	43	do	Married	Religious excitement, .	2 weeks	Probate Court	6 mths 5 dys	Remains	Improved		
8344	do	29	42	do	do	Domestic affliction, .	2½ do	Private Bond	2 mths 27 dys	Died	Exhaustion		
8345	do	29	30	Female	Single	Disappointed affection,	3 do	Probate Court	3 mths 26 dys	Discharged	Improved	do	
8346	do	29	19	do	do	Masturbation, . .	3 years	do	5 mths 20 dys	do	Recovered		
8347	do	30	36	do	Married	Unknown, . . .	1 week	do	6 mths 2 dys	Remains	Not improved		
8348	do	31	36	do	Single	do . . .	20 years	Private Bond	6 mths 1 dy	do	do		do
8349	do	31	59	do	Widow	Ill health, . . .	1 year	do	5 mths 4 dys	Died	Exhaustion	do	
8350	Apr.	1	16	do	Single	Fright, ...	8 weeks	Probate Court	6 mths	Remains	Improved	do	
8351	do	1	58	do	Married	Ill health, . . .	8 years	do	6 mths	do	Not improved	Heredit. and Homicidal.	
8352	do	1	80	Male	Widower	Apoplexy, . . .	2 do	do	4 mths 26 dys	Discharged	Improved	do	
8353	do	1	34	Female	Married	Puerperal, . . .	4½ do	do	28 dys	do	do		
8354	do	1	23	Male	Single	Masturbation, . .	1½ do	do	6 mths	Remains	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1869											
8355	Apr. 1	40	Female	Single	Domestic trouble,	18 months	Probate Court	16 dys	Discharged	Improved		
8356	do 1	22	Male	do	Unknown,	7 years	do	26 dys	do	do	Hereditary.	
8357	do 2	56	Female	Widow	do	1 week	do	5 mths 2 dys	do	Recovered		Periodical.
8358	do 3	27	do	Single	do	2 weeks	do	4 mths	do	Improved	do	
8359	do 3	22	do	do	Masturbation,	–	do	1 mth	do	do		
8360	do 3	47	Male	Married	Unknown,	1 week	do	1 mth 10 dys	do	Recovered		do
8361	do 5	60	do	Widower	Ill health,	3 months	do	28 dys	do	Improved		
8362	do 5	39	Female	Widow	do	1 year	Private Bond	5 mths 26 dys	Remains	do		
8363	do 5	28	do	Single	do	1½ years	do	2 mths 26 dys	Discharged	do	do	
8364	do 8	59	do	Widow	Domestic trouble,	2 weeks	Probate Court	2 mths 18 dys	do	Recovered		
8365	do 8	60	Male	Married	Unknown,	2 do	do	5 mths 23 dys	Remains	Improved		do
8366	do 8	59	do	do	do	25 years	Private Bond	16 dys	Discharged	Recovered		do
8367	do 9	–	Female	Widow	Domestic affliction,	10 weeks	Probate Court	5 mths 22 dys	Remains	Improved		
8368	do 9	32	do	Single	Ill health,	10 years	do	4 mths 17 dys	Discharged	Recovered		do
8369	do 10	69	do	Widow	Unknown,	3 do	do	17 dys	do	Improved	do	
8370	do 10	28	Male	Single	Masturbation,	6 months	do	1 mth 16 dys	do	do		
3371	do 12	26	do	do	Scrofulous disease,	7 years	do	2 mths 19 dys	do	Recovered		
8372	do 16	75	Female	do	Ill health,	–	–	5 mths 15 dys	Remains	Improved		
8373	do 16	28	do	do	do	1 month	Private Bond	2 mths 29 dys	Discharged	Recovered		
8374	do 16	37	do	Married	Intemperance,	2 years	Probate Court	1 mth 6 dys	do	do		
8375	do 17	40	do	do	Ill health,	3 months	do	5 mths 14 dys	Remains	Improved		
8376	do 17	38	do	Single	do	1 year	do	2 mths 27 dys	Discharged	do		
8377	do 18	46	do	Widow	Turn of life,	1 week	do	1 week	Died	Dis. of heart		
8378	do 19	30	Male	Single	Ill health,	1 do	do	1 mth 19 dys	Discharged	Recovered		
8379	do 20	34	do	do	Intemperance,	2 months	do	5 mths 12 dys	Remains	Improved		do
8380	do 21	58	do	Married	Paralysis,	1 year	do	2 mths 26 dys	Discharged	Not improved	Suicidal and Homicidal.	
8381	do 21	33	Female	Single	Unknown,	2 months	do	5 mths 10 dys	Remains	Improved		
8382	do 22	–	do	–	do	–	–	5 dys	Discharged	do		
8383	do 22	11	Male	Single	Epilepsy,	3 years	Private Bond	5 mths 9 dys	Remains	Not improved		
8384	do 23	20	Female	do	Masturbation,	15 months	do	2 mths 22 dys	Discharged	do	do	
8385	do 23	30	Male	do	do	–	Probate Court	5 mths 8 dys	Remains	Improved	Hered. and Homicidal.	
8386	do 23	32	Female	do	Unknown,	4 days	do	2 mths 16 dys	Discharged	do		
8387	do 23	19	Male	do	Masturbation,	3 do	do	3 mths 29 dys	do	Recovered	do	and Periodical.

8388	Apr.	24	31	Male	Single	Intemperance, . . .	–	Private Bond	5 mths 7 dys	Remains	Improved		
8389	do	27	50	do	Widower	Brain fever, . . .	2 months	Probate Court	5 mths 4 dys	do	Not improved		Homicidal.
8390	do	27	72	do	do	Ill health, . . .	–	do	1 mth 26 dys	Discharged	Recovered		Periodical.
8391	May	3	40	do	Single	Epilepsy, . . .	2 years	The Overseers	4 mths 19 dys	do	Not improved		
8392	do	6	68	do	Widower	Paralysis, . . .	1 year	Probate Court	2 mths 17 dys	Died	Paralysis		Homicidal.
8393	do	7	60	Female	Widow	Ill health, . . .	1 month	Private Bond	1 mth 12 dys	Discharged	Recovered		Periodical.
8394	do	8	50	Male	Married	Congenital, . . .	6 weeks	The Overseers	4 mths 24 dys	Remains	Not improved	Suicidal.	
8395	do	8	73	Female	Widow	Unknown, . . .	3 months	Probate Court	4 mths 23 dys	Discharged	Recovered		do
8396	do	9	36	Male	Single	do . . .	1 week	Private Bond	2 mths 29 dys	do	Improved		do
8397	do	11	82	Female	Widow	Old age, . . .	7 years	Probate Court	4 mths 21 dys	Remains	Not improved	Hereditary.	
8398	do	12	49	do	Married	Unknown, . . .	10 do	do	3 mths	Discharged	Improved		
8399	do	12	45	do	Single	Turn of life, . .	2 do	do	4 mths 20 dys	Remains	do		
8400	do	12	27	do	do	Masturbation, . .	18 months	do	2 mths 2 dys	Discharged	do		do
8401	do	12	51	do	Married	Turn of life, . . .	2½ years	do	4 mths 20 dys	Remains	do		do
8402	do	13	33	do	Single	Masturbation, . .	10 days	do	4 mths 19 dys	do	do		do
8403	do	14	45	Male	Married	Unknown, . . .	1 month	do	4 mths 18 dys	do	do		
8404	do	15	36	do	do	do . . .	5 months	do	4 mths 17 dys	do	do		do
8405	do	15	26	do	Single	do . . .	2 do	do	4 mths 17 dys	do	do	do	
8406	do	15	55	Female	Widow	do . . .	4 do	Private Bond	4 mths 17 dys	do	Not improved	Suicidal and	do
8407	do	18	45	Male	Married	Gen. Paralysis, . .	1 year	The Overseers	4 mths 14 dys	do	do		Homicidal.
8408	do	19	89	Female	Widow	Old age, . . .	2 years	Private Bond	1 mth 12 dys	Died	Old age		
8409	do	21	49	Male	Married	Unknown, . . .	2 weeks	Probate Court	2 mths 14 dys	Discharged	Improved	Heredit. and	Periodical.
8410	do	22	44	Female	do	Domestic trouble, .	5 years	do	4 mths 10 dys	Remains	do		do
8411	do	22	45	do	do	Turn of life, . .	1 month	The Overseers	1 mth 20 dys	Discharged	Recovered	Suicidal.	
8412	do	22	30	Male	Single	Masturbation, . .	3 years	Private Bond	1 week	do	Improved		
8413	do	28	32	Female	Married	Puerperal, . . .	5 months	do	4 mths 4 dys	Remains	Not improved	do	
8414	do	29	35	do	do	Spiritualism, . .	2 do	do	2 mths 26 dys	Discharged	Recovered		do
8415	do	29	18	do	Single	Masturbation, . .	5 do	Probate Court	2 mths 6 dys	do	Improved		
8416	do	31	58	do	Married	Unknown, . . .	1 week	do	2 mths 28 dys	do	Recovered	Hereditary.	
8417	do	31	40	do	Widow	do . . .	–	do	3 mths	do	do		
8418	do	31	23	do	Single	Menstrual Derangem't,	3 weeks	do	4 mths	do	do	Suicidal.	
8419	June	1	35	Male	Widower	Domestic affliction, .	3 do	do	24 dys	do	do	do	and Homicidal.
8420	do	3	27	Female	Single	Unknown, . . .	2 do	do	1 mth 21 dys	do	Improved		Periodical.
8421	do	3	45	Male	do	Intemperance, . .	–	do	28 dys	do	Recovered		
8422	do	4	23	Female	do	Masturbation, . .	4 months	do	3 mths 27 dys	Remains	Not improved		
8423	do	5	35	Male	Married	Unknown, . . .	6 do	do	2 mths	Discharged	Improved		do
8424	do	5	48	do	do	do . . .	–	do	3 mths 26 dys	Remains	do		do
8425	do	7	38	do	Single	do . . .	15 years	The Overseers	3 mths 24 dys	do	do	Homi. &	do
8426	do	8	34	do	do	do . . .	–	Probate Court	23 dys	Discharged	do		

TABULAR VIEW—*Continued.*

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.	Homicidal. Periodical.
	1869											
8427	June 8	30	Female	Single	Unknown, . . .	–	Probate Court	1 mth 2 dys	Discharged	Recovered	Heredit. and	Periodical.
8428	do 10	28	do	Married	Domestic trouble, .	10 days	Private Bond	3 mths 21 dys	Remains	Improved	do	
8429	do 11	42	do	do	Turn of life, . . .	6 months	do	3 mths 20 dys	Died	Marasmus	Suicidal.	
8430	do 12	46	do	Single	Unknown, . . .	27 years	Probate Court	3 mths 19 dys	Remains	Improved	do & Hered.	
8431	do 12	30	Male	do	Masturbation, . .	4 do	do	1 mth 22 dys	Discharged	do		
8432	do 12	48	do	Married	Intemperance, . .	–	do	26 dys	do	Recovered		
8433	do 12	50	Female	do	Turn of life, . . .	–	do	1 mth	do	Improved		
8434	do 14	20	Male	Single	Unknown, . . .	9 days	do	25 dys	Died	Exhaustion	Hereditary	
8435	do 14	23	Female	do	Masturbation, . .	2 months	do	25 dys	Discharged	Recovered		
8436	do 15	25	do	Married	Unknown, . . .	1 week	Private Bond	3 mths 16 dys	Remains	Improved	do	
8437	do 15	40	do	do	do . . .	3 years	Probate Court	1 mth 2 dys	Discharged	do		
8438	do 18	35	Male	do	do . . .	3 months	do	1 mth 19 dys	do	Recovered	do	do
8439	do 18	55	Female	Widow	do . . .	5 years	do	3 mths 13 dys	Remains	Improved		
8440	do 18	26	do	Single	Puberty, . . .	12 do	do	3 mths 13 dys	do	do	do	
8441	do 19	40	do	do	Unknown, . . .	1 year	do	19 dys	Discharged	do	Suicidal.	
8442	do 21	22	do	do	do . . .	2 years	do	3 mths 10 dys	Remains	do	Hereditary and	do
8443	do 22	27	do	do	Overwork, . . .	3 months	do	2 mths 13 dys	Discharged	do		
8444	do 23	48	do	Married	Turn of life, . .	2 do	Private Bond	1 mth 27 dys	do	Not improved		
8445	do 24	17	Male	Single	Congenital, . . .	17 years	Probate Court	23 dys	do	do		
8446	do 24	50	Female	do	Unknown, . . .	2 months	Private Bond	3 mths 7 dys	Remains	do		
8447	do 24	43	Male	Married	do . . .	2 weeks	Probate Court	3 mths 7 dys	do	do	do	do
8448	do 25	34	do	do	do . . .	1 week	do	3 mths 6 dys	do	Improved	do	do
8449	do 25	75	do	do	do . . .	10 years	Private Bond	3 mths 6 dys	do	Not improved	do	
8450	do 26	17	do	Single	Injury from a fall, .	15 do	The Overseers	3 mths 5 dys	do	do		
8451	do 29	62	do	do	Unknown, . . .	25 do	Private Bond	22 dys	Discharged	Recovered		do
8452	do 29	44	do	Widower	– –	1 year	Probate Court	3 mths 2 dys	Remains	Improved	Homicidal and	do
8453	July 1	30	Female	Married	Puerperal, . . .	1 do	do	1 mth 26 dys	Discharged	do		
8454	do 1	18	Male	Single	Epilepsy, . . .	8 years	do	1 mth 26 dys	do	do		
8455	do 1	36	do	do	do . . .	19 do	do	3 mths	Remains	do		
8456	do 2	68	Female	Widow	Unknown, . . .	6 months	Private Bond	2 mths 30 dys	do	do	Hereditary and	do
8457	do 2	37	Male	Single	do . . .	20 years	Probate Court	3 mths	Discharged	Recovered	do	
8458	do 3	25	Female	Married	Puerperal, . . .	2 weeks	do	2 mths 30 dys	Remains	Improved		
8459	do 3	32	do	Single	Epilepsy, . . .	20 years	Private Bond	2 mths 30 dys	do	do	do	

8460	July	3	29	Male	Married	Excessive Venery,	2 months	Probate Court		16 dys	Died	Exhaustion		
8461	do	4	27	do	Single	Intemperance,	2 days	do		3 dys	Discharged	Recovered		
8462	do	4	31	do	Married	Paralysis,	1½ years	do	2 mths	19 dys	do	Not improved		
8463	do	5	80	do	Widower	Old age,	1 year	Private Bond	2 mths	27 dys	Remains	do	Hereditary.	
8464	do	7	33	do	Married	Masturbation,	2 weeks	do	2 mths	25 dys	do	Improved		
8465	do	8	19	do	Single	do	1 month	Probate Court	2 mths	24 dys	do	Not improved		
8466	do	12	35	do	Married	Fever,	8 months	do	2 mths	20 dys	do	Improved		
8467	do	12	57	do	Single	Masturbation,	6 do	do	2 mths	20 dys	do	do		
8468	do	13	29	do	Married	Paraylsis,	1 year	do	2 mths	19 dys	do	do		
8469	do	14	50	do	do	Unknown,	3 months	do	1 mth	10 dys	Discharged	Recovered	do	Periodical.
8470	do	14	29	do	Single	Sun stroke,	1 week	do	1 mth	15 dys	do	Improved		do
8571	do	17	60	Female	Widow	Domestic affliction,	2 years	Private Bond	2 mths	15 dys	Remains	do		do
8472	do	20	34	Male	Single	Unknown,	10 do	The Overseers	2 mths	12 dys	do	Not improved		
8473	do	20	30	Female	do	do	–	Probate Court	2 mtns	12 dys	do	Improved	do	do
8474	do	21	41	Male	do	Masturbation,	2 years	The Overseers	2 mths	11 dys	do	Not improved		
8475	do	22	48	Female	do	Turn of life,	4 weeks	Probate Court	2 mths	10 dys	do	do	Suicidal.	
8476	do	24	33	Male	Married	Intemperance,	–	do		11 dys	Discharged	Improved		do
8477	do	24	17	Female	Single	Unknown,	2 days	do	1 mth	14 dys	do	do		
8478	do	24	62	do	Widow	do	6 weeks	Private Bond	2 mths	8 dys	Remains	Not improved	do & Her.	
8479	do	26	32	do	Single	do	4 years	do	2 mths	6 dys	do	Improved	Heredit. and	Periodical.
8480	do	26	53	Male	Married	do	18 do	The Overseers	2 mths	6 dys	do	Not improved		do
8481	do	27	45	do	do	Paralysis,	15 do	Probate Court		8 dys	Discharged	do		do
8482	do	29	35	do	do	Intemperance,	1 month	do		15 dys	Died	Phthisis		
8483	do	30	72	Female	Single	Fall,	3 months	Private Bond	2 mths	2 dys	Remains	Improved	Suicidal.	
8484	Aug.	2	49	do	Married	Unknown,	7 years	do	2 mths		do	Not improved	Hereditary.	
8485	do	2	59	Male	Widower	Intemperance,	3 days	do		25 dys	Discharged	Recovered		
8486	do	3	50	Female	Married	Unknown,	1 month	Probate Court	1 mth	29 dys	Remains	Not improved	do	do
8487	do	5	33	do	do	Hysteria,	1 week	Private Bond	1 mth	27 dys	do	Improved		do
8488	do	5	31	Male	do	Unknown,	2 weeks	Probate Court	1 mth	27 dys	do	Not improved		
8489	do	6	30	do	do	Epilepsy,	–	do		23 dys	Discharged	Improved		
8490	do	6	30	Female	do	Unknown,	10 days	do	1 mth	26 dys	Remains	do		do
8491	do	10	23	Male	Single	Masturbation,	5 weeks	do	1 mth	22 dys	do	do		
8492	do	10	25	Female	do	Neuralgia,	8 months	do	1 mth	22 dys	do	do		
8493	do	10	30	Male	do	Unknown,	3 days	do	1 mth		Discharged	Recovered	do	
8494	do	12	35	do	Married	Domestic trouble,	–	Board of S. C.	1 mth	20 dys	Remains	Not improved		do
8495	do	13	23	do	Single	Injury to head,	6 years	Probate Court	1 mth	19 dys	do	do		
8496	do	13	45	Female	do	Turn of life,	6 months	do	1 mth	19 dys	do	Improved		
8497	do	16	29	do	do	Unknown,	6 do	do		13 dys	Discharged	do	Suicidal.	
8498	do	16	47	do	Widow	Turn of life,	3 weeks	do	1 mth	16 dys	Remains	do		

TABULAR VIEW—*Concluded.*

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	1869											
8499	Aug. 18	16	Female	Single	Epilepsy, . . .	8 years	Probate Court	1 week	Discharged	Not improved		
8500	do 18	35	do	Widow	Domestic affliction, .	6 months	do	1 mth 14 dys	Remains	Improved		
8501	do 19	31	do	do	Fever, ...	5 do	Private Bond	1 mth 13 dys	do	Not improved	Suicidal.	
8502	do 20	29	do	Married	Miscarriage, . . .	1 month	do	1 mth 12 dys	do	Improved		
8503	do 20	17	do	Single	Unknown, . . .	2 months	Probate Court	1 mth 12 dys	do	do	Hereditary.	
8504	do 20	38	Male	Married	do . . .	–	do	1 mth 12 dys	do	do		Periodical.
8505	do 21	43	do	do	Disease of brain, . .	3 months	Private Bond	1 mth 11 dys	do	Not improved	Suicidal.	
8506	do 22	36	do	Single	Unknown, . . .	–	do	1 mth 10 dys	do	do		do
8507	do 24	34	do	Married	Intemperance, . .	–	Probate Court	1 mth 8 dys	do	Improved		do
8508	do 24	65	Female	do	Turn of life, . . .	18 years	Private Bond	1 mth 8 dys	do	do	Hereditary.	
8509	do 26	50	Male	do	Unknown, . . .	2 weeks	Probate Court	1 mth 6 dys	do	do		do
8510	do 31	20	do	Single	Masturbation, . .	6 months	Private Bond	1 mth 1 dy	do	do		
8511	Sept. 2	28	Female	do	Disappointment in love,	4 years	Probate Court	29 dys	do	Not improved		Homicidal.
8512	do 6	37	Male	Married	Epilepsy, . . .	4 do	The Overseers	25 dys	do	do		
8513	do 9	53	Female	do	Unknown, . . .	2 do	Probate Court	22 dys	do	do		
8514	do 11	28	do	Single	Masturbation, . .	2 weeks	do	20 dys	do	do		
8515	do 11	21	Male	do	do . .	1 week	do	20 dys	do	Improved		Periodical.
8516	do 13	66	Female	Married	Neurasthenia, . .	3 months	do	18 dys	do	Not improved		
8517	do 14	45	do	Widow	Unknown, . . .	8 years	do	17 dys	do	Improved		
8518	do 16	30	Male	Single	Masturbation. . .	–	do	15 dys	do	Not improved		
8519	do 16	34	do	Married	Intemperance, . .	2 weeks	do	15 dys	do	Improved	Hered., Period. & Hom.	
8520	do 16	30	Female	do	Unknown, . . .	–	do	15 dys	do	do	do do	
8521	do 16	35	do	do	Puerperal, . . .	1 year	do	15 dys	do	do		
8522	do 16	28	do	do	do . . .	1 week	do	15 dys	do	do		
8523	do 17	46	do	do	Turn of life, . . .	9 months	The Overseers	14 dys	do	Not improved		
8524	do 18	34	Male	Single	Masturbation, . .	2 do	Probate Court	13 dys	do	do		
8525	do 20	55	Female	Married	Unknown, . . .	3 weeks	The Overseers	9 dys	Died	Enteritis	do	
8526	do 20	46	Male	do	do . . .	2 months	Private Bond	11 dys	Remains	Not improved	do do	
8527	do 21	50	do	do	Epilepsy, . . .	5 years	Probate Court	10 dys	do	do		
8528	do 22	24	Female	Single	do . . .	7 do	do	9 dys	do	do		
8529	do 22	30	Male	do	Unknown, . . .	1 week	do	9 dys	do	Improved	do do	
8530	do 22	40	do	do	do . . .	–	do	9 dys	do	Not improved		
8531	do 24	53	do	Married	Religious excitement, .	6 months	do	7 dys	do	do		

8532	Sept. 25	50	Female	Married	Domestic trouble, .	6 weeks	The Overseers	6 dys	Remains	Not improved		
8533	do 25	21	do	Single	Paralysis, . . .	4 months	Private Bond	6 dys	do	Improved		
8534	do 25	33	Male	Married	Intemperance, . .	1 week	Probate Court	6 dys	do	Not improved		Homicidal.
8535	do 29	40	do	do	Masturbation, . .	8 years	do	2 dys	do	do		

The usual table, appended, showing the amount of work executed, will sufficiently testify to the efficiency and faithfulness with which that part of the treatment has been carried out, which consists in the industrial occupation of the patents.

In addition to the usual gardening and farming operations, the shops, engine and boiler-house, the laundry and kitchen afford ample employment for considerable numbers of healthy men and women. Four, and sometimes five, of the male patients, are employed quite constantly by people in the neighborhood outside of the hospital.

TABLE

Showing the Number of Days' Work of Patients, and where performed, for the Year ending September 30, 1869.

PLACE OF LABOR.	October.		November.		December.		January.		February.		March.		April.		May.		June.		July.		August.		September.		Totals for Year.
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
Kitchen, ...	80	85	81	82	83	87	89	90	83	87	84	81	82	87	81	86	83	89	97	96	100	103	107	101	2,124
Bakery, ...	70	–	68	–	69	–	65	–	63	–	62	–	68	–	69	–	67	–	78	–	89	–	91	–	948
Laundry, ...	128	260	118	258	140	268	145	278	130	280	127	265	140	280	130	268	150	287	138	290	158	295	145	285	4,963
Sewing Rooms, ...	–	311	–	327	–	315	–	411	–	400	–	412	–	415	–	412	–	387	–	350	–	318	–	315	4,373
Farm, ...	211	–	215	–	187	–	190	–	211	–	197	–	215	–	315	–	311	–	320	–	316	–	327	–	3,015
Yards and Gardens, . .	96	–	90	–	61	–	50	–	50	–	45	–	87	–	100	–	108	–	109	–	107	–	115	–	1,018
Shops, ...	140	–	142	–	157	–	225	–	250	–	320	–	318	–	300	–	225	–	218	–	212	–	215	–	2,722
In Wards, ...	275	281	212	371	250	360	290	411	280	415	250	411	275	415	287	428	281	416	281	400	270	413	259	412	7,943
Totals, ...	1000	937	926	1038	947	1030	1054	1190	1067	1182	1085	1169	1185	1197	1282	1194	1225	1179	1241	1225	1252	1129	1259	1113	27,106

Articles Made in the Sewing-Rooms during the Year.

Aprons,	44	Collars,	15
Bed-spreads,	60	Curtains,	35
Bed-ticks,	392	Drawers, pairs of,	51
Blankets,	21	Dresses,	125
Bags,	14	Edging, yards of,	45
Carpets,	7	Frocks,	5
Chemises,	162	Handkerchiefs,	50
Coats,	3	Hose and socks, pairs of,	30
Jackets,	26	Sheets,	180
Mattress-ticks,	250	Shirts,	50
Mittens, pairs of,	22	Shirt-bosoms,	10
Neck-ties,	15	Skirts and quilts,	50
Night-dresses,	35	Suspenders, pairs of,	9
Night-caps,	14	Table-covers,	25
Overalls, pairs of,	12	Towels,	170
Pants, pairs of,	43	Undershirts,	12
Pillow-cases,	175	Vests,	15

Articles Repaired in the Sewing-Rooms during the Year.

Aprons,	50	Night-dresses,	53
Blankets,	170	Overalls, pairs of,	35
Bed-spreads,	150	Pants, pairs of,	1,213
Bed-ticks,	475	Pillows,	150
Bags,	25	Pillow-cases,	480
Chemises,	3,700	Sheets,	680
Coats,	1,050	Shirts,	4,320
Collars,	27	Shirt-bosoms,	78
Curtains,	55	Skirts,	450
Drawers, pairs of,	375	Stockings, pairs of,	3,115
Dresses,	805	Table-cloths,	65
Frocks,	30	Towels,	160
Jackets,	60	Undershirts,	460
Mattresses,	160	Vests,	875

Articles Made in the Shops.

Bee-hives,	4	Tool-handles,	50
Bolts,	50	Patterns,	6
Boxes,	30	Writing desk,	1
Small bedsteads,	4	Picture frames,	25
Small bureaus,	6	Iron rods,	20
Boot-jacks,	2	Knife-blades,	12
Knobs,	36	Mattresses,	20
Chair-rounds,	75	Pillows,	30
Curtain sticks,	50	Rabbit planes,	4
Screens,	15	Roof sashes,	2
Chisels,	6	Wardrobes,	6
Coal-sieves,	2	Whiffletrees,	12
Wardrobe-hooks,	12	Barrel-covers,	6
Small tables,	6	Walking sticks,	4
Fancy boxes,	6	Buckets,	12
Screw-drivers,	8	Brackets,	24
Set of shelves,	3	Mop-sticks,	75
Pair of shafts,	1	Windows glazed,	400
Table legs, sets of,	6	Models,	3
Doors,	4		

Articles Repaired in the Shops.

Bedsteads,	50	Razors,	20
Brass rings,	12	Rakes,	39
Boxes,	15	Saws,	25
Bureaus,	12	Stands,	24
Blinds,	18	Settees,	6
Brooms,	18	Scissors,	12
Chairs,	150	Sofas,	4
Clocks,	12	Sleigh,	1
Coffee pots,	8	Sleds,	2
Chisels,	15	Sashes,	24
Crickets,	4	Chains,	6
Flower stands,	5	Tubs,	6
Picture frames,	50	Tables,	15
Boots ironed, pairs of,	4	Tin pans,	20
Looking glasses,	18	Tea-kettle,	1
Horse wagon,	1	Trunks,	12
Ox wagons,	2	Umbrellas,	4
Hoes,	12	Window rods,	50
Guns,	12	Windows,	60
Iron bars,	6	Wheelbarrows,	6
Knives,	12	Lock keys,	18
Pen-knives,	12	Book-cases,	2
Lounges,	6	Hay-forks,	12
Lanterns,	12	Hand-cart,	1
Pails,	24	Saws filed,	50
Parasols,	4	Fancy boxes,	4

Products of the Farm.

ARTICLES.		Market Value.	Total Value.
Apples,	18 bbls.,	$5 00	$75 00
Pears,	20 bush.,	4 00	80 00
Cherries,	1½ "	5 00	7 50
Grapes,	30 "	3 00	90 00
Tomatoes,	300 "	1 00	300 00
Currants,	1 "	3 00	3 00
Sweet Corn,	75 "	1 00	75 00
Gooseberries,	1 "	2 00	2 00
Strawberries,	300 boxes,	20	60 00
Beans,	30 bush.,	3 00	90 00
Turnips,	50 "	50	25 00
Beets,	250 "	50	125 00
Mangel-wurzel,	800 "	40	320 00
Carrots,	800 "	50	400 00
Squashes,	7 tons,	40 00	280 00
Peppers,	30 bush.,	50	15 00
Cucumbers,	100 "	1 00	100 00
Cabbages,	3,000 heads,	15	450 00
Cauliflowers,	150 "	20	30 00
Spinnach,	20 bbls.,	2 00	40 00
Brussells Sprouts, Kail, Brocoli, &c.,	. . .	–	25 00
Lettuce,	2,000 heads,	02	40 00
Celery,	. . .	–	35 00
Rhubarb,	3 tons,	40 00	120 00
Hay,	130 "	20 00	2,600 00
Corn Fodder,	6 "	10 00	60 00
Milk,	6,000 quarts,	06	3,600 00
Beef, sold,	1,297 lbs.,	15	194 55
Pork, sold,	1,961 "	15	294 15
Other produce sold,	. . .	–	2,304 85
		–	$11,841 05

The female patients are sufficiently employed in sewing, knitting, crocheting, in cooking, washing, ironing, and the other various household duties incidental to a large hospital. A few in every ward assist the attendant in the general care of the ward, and in nursing and watching the more feeble and insane. Some work regularly for their families at home, in making and repairing clothing, knitting socks, and such other labor as can well be performed while in the hospital.

The male patients are not so well provided for in this respect, nor are so fortunate in being accustomed to light employments, which can be taken up or laid away at any time without trouble and inconvenience. Among the male patients there are not many trained mechanics, and those who do find it necessary to remain with us, and are able to perform labor, are generally actively employed. A large proportion of those employed, are engaged in out of door work upon the farm and gardens. Many of those are, however, incapable, both physically and mentally, of performing any great amount of useful labor.

By steady employment in light and cheerful labor, they improve in health of body and mind, their feelings of self-respect are kept alive, and their habits of usefulness prolonged.

No kind of labor is so beneficial to the patient, or so profitable to the hospital, as that expended in the cultivation of the farm and gardens, and the care of the farm-stock. The free and unrestrained exercise in the open air, the quality of the labor, calling into play nearly all the muscles of the body, the cheerful influences surrounding the out-of-door laborer, all tend to improve their condition and promote their recovery.

The products of the farm have been abundant, as the preceding table will show, and have well repaid the labor of growing and gathering.

The usual amount of labor has been expended in draining, ditching, blasting and sinking rocks below the surface, in fencing and in transplanting trees, and in improving in a variety of ways the value of the estate.

Much more has been done than for several years past in improving and repairing the buildings, and refurnishing them. Much more is absolutely necessary, in order to preserve to the State the value of the property, without serious loss.

Many thousands of dollars must be expended immediately, if the present occupancy is to be continued. Every part of the establishment, inside and out, needs painting, as do also the stables, out-buildings and fences.

The heating and ventilating apparatus, the cooking apparatus, and the washing machinery, all will soon need replacing at heavy cost. You remember that each of these departments have been in constant operation twelve years, with little or no expense of repairs, and are now quite well worn, and must soon fail. It is believed that no other hospital in the country has passed so long a period without an entire replacing of these important fixtures.

All the means formerly in use, and as many more as could be added, for recreation and amusement, and instruction of the patients, have been carried out with unabated interest and activity. The supply of newspapers and periodicals and books has been considerably increased by judicious purchases, and many additions have been made to the pictures and objects of interest and pleasure throughout the house.

The billiard-rooms, reading-rooms, libraries, and music-room, afford the means of intellectual occupation by the opportunities they offer for social contact of persons of similar tastes and habits, and also by the very generous supply of books, papers and periodicals, which are found in them.

Many of our patients also visit the public libraries and reading-rooms of the city, and in our wards may be found at all times choice books belonging to circulating libraries of the city.

During the winter a course of lectures, and occasional concerts, fill up the time of the long and otherwise monotonous evenings.

During the summer the picnics, fishing excursions, daily drives, games of base ball, croquet, and all the other usual out-of-door amusements, may be mentioned as the principal source of recreation.

For the assistance rendered by our friends outside of the hospital, in our endeavors to ameliorate the condition of the insane, we tender our grateful thanks. To the attendants and employees generally, great credit is due for the faithfulness

with which they have performed duties always unpleasant, and sometimes excessive.

It is my duty and pleasure to record my sense of obligation to the other resident officers and assistants, for the faithful manner in which they have performed their duties and advanced the interests of the institution. Dr. Draper continues to devote his time and skill with unabated interest, for the welfare of the patients under his charge. Dr. Mary H. Stinson has, since September 1st, had charge, as Assistant Physician of the female department. She has so far performed her duties faithfully, scrupulously and well, and I have no doubt her appointment will prove eminently satisfactory and useful.

The affairs of the Steward and Treasurer sufficiently indicate the faithful performance of his duties, and the quality of his success.

Mr. Allen, our Chaplain, has grown old in years in the service of the hospital, but is still young, rich and strong, in love, sympathy and faith, for those who receive the benefit of his wise counsels and cheerful ministrations.

Gentlemen, thus much in brief, of the labors and successes of the year just closed. Of its griefs, its disappointments and trials, who shall tell? Of hope deferred, of opportunity lost, of minds wrecked,—hopelessly so, for want of what could have been done and given,—who shall count the sum of them?

It is pleasant to indulge a complacent retrospect of past successes and acknowledged excellence, but it is the part of wisdom to be mindful of failures and short-comings. If we would preserve the character of the hospital, if we would hand down its excellent name and fame to our children, if we would keep before it its career of usefulness, we must not rest one moment, or consider anything accomplished, while such a field of improvement is before us.

During the last few years, such investigations have been made in the pathology of insanity, and such close observation of its various phenomona, as to almost revolutionize the modes of managing and treating the insane. These changes call for a more liberal and generous expenditure in structural arrangements, in grounds, in administration, and in all the material appliances of the hospital. It is not enough that we protect the insane from cold and hunger, from suicide and homicide.

We do not perform our whole duty until we afford the greatest possible facility for bringing into use the best modes of treatment, by improved buildings, furniture and fixtures of convenience, by situation, by grounds and contrivances which will allure to the greatest amount of cheerful exercise and labor, and by every possible facility for promoting all the physical and mental activities, and at the same time of securing quiet repose and rest to those whose faculties are excited beyond control, so that they may pass their days in peace, and receive such attention as is the just due of every human being; and of bringing, also, to those who must end their days within the friendly walls of the hospital, such kindness, care and consolation, as shall smooth their passage to the grave, and rob death of its terrors. Lacking these, no ability or resource within your power, no amount of skill or faithfulness on the part of your medical officers, no zeal of your attendants, can avail anything to those unfortunate men and women under your charge and trust.

When, in addition to this lack of facilities, the patients are crowded into small and inconvenient apartments, huddled like sheep in a fold, made to sleep in temporary beds, in strange nooks and corners, the quiet and well-behaved convalescents obliged daily to give way and relinquish their meagre accommodations to the incoming excited and furious, and when, in addition to these difficulties, I remind you that our patients are now drawn mainly from an intelligent and educated class, and not, as at first, from poor-houses, receptacles and prisons, we may well charge ourselves with the failure of fulfilling our obligations and performing our duties.

It has been too much the custom to consider the Worcester Hospital complete; having been constructed and opened to the public, it was finished—needing no addition or improvement, no increase of facilities, save what the wit and economy of its managers might produce—complete in all its appointments to meet and answer the growing demands of a rich and prosperous community. But let us see how those best informed upon the subject have always regarded it.

Since 1856, the extreme limit of accommodation has been rooms, or their equivalent in space, for three hundred and one patients. A reference to Table No. 15 will show that the average

number of patients has far exceeded that limit each year, except 1859, when it was three hundred and nine, and reaching, in 1862, four hundred and one, and in 1863, three hundred and ninety-eight, and during the year just closed three hundred and eighty-seven.

Five years in succession I have most earnestly recommended a plan by which a better classification might be obtained, the evil results of a crowded hospital avoided, the facilities for treatment multiplied, and all the comforts and privileges of the establishment increased. These recommendations have been unheard and unheeded.

In 1854, Dr. Howe urged the establishment of a better system, and presented his views in such a manner as to command a respectful hearing, but to little or no purpose.

In 1833, Horace Mann urged upon the Trustees the necessity of providing improved accommodations for convalescents, where they could enjoy a larger and more generous liberty, and pass from the restraint of the hospital to the freedom of society by gradual steps. This provision was never made.

If we look at your carefully kept records we shall find such entries as these in the handwriting and over the names of the several Trustees.

June 6, 1833.—Measures were adopted by the Trustees for the removal of all idiots, as not coming within the provision of the statute, not being furiously insane; also, new arrangements deemed requisite for the Africans, who ought not to mingle with the other female patients.

Horace Mann.
W. B. Calhoun.

November 25, 1833.—The solitary cells are all occupied, and there are five African females in the apartments prepared for that class.

A. D. Foster.

February 24, 1834.—In the institution one hundred and fifteen patients; six only of the solitary cells are occupied. In the African department are five female blacks and one unruly white.

Thomas Kinnicutt.

September 28, 1836.—The Lodge abandoned, and the basement rooms of the new wing substituted and thought to be a great im-

provement for the worst class of patients, bringing them more directly under the supervision of the officers, and relieving them of much anxiety on their account. THOS. KINNICUTT.

FEBRUARY 19, 1838.—Institution crowded, and has been necessary to put patients in rooms not intended for their use.

E. D. BANGS.

OCTOBER 9, 1845.—One evil only exists in regard to the institution. The lodges for the confinement of the ungovernable insane are neither suitable in location or construction, and the Trustees are unanimously of the opinion that a new building, especially designed for the imbecile, the raving, and the incurable, is necessary to the completeness of an institution which reflects so much credit on the wisdom and liberality of Massachusetts. H. H. CHILDS.

MARCH 30, 1846.—In the solitaries and basement rooms were thirteen patients who can wear no clothes, and another in the galleries who is restrained from tearing off his clothes only by bracelets. JOSEPH SARGENT.

JANUARY 30, 1847.—The solitaries are all occupied, and besides, the subscriber found more patients under restraint in the galleries than he has seen before for a long time. There were eight handcuffed, and one other, with no clothing but a torn shirt, came out from his room in one of the galleries. These facts are mentioned as presumptive evidence of the need of better accommodation for patients whose influence upon other patients cannot be good.

JOSEPH SARGENT.

AUGUST 31, 1847.—The subscriber found eight men in the lodges to-day in a state of complete nudity. JOSEPH SARGENT.

MARCH 30, 1849.—The strong rooms recently constructed were found entirely satisfactory. LEVI LINCOLN.

JUNE 11, 1851.—The undersigned considers the employment of men as attendants in the female wards as objectionable; some of the women were found to-day in a state of nudity, and some nearly nude. This is, of course, unavoidable at times; but the attendance of men upon these unfortunate creatures (some of whom are still very young) seems an unnecessary aggravation of the painful features of the melancholy spectacle presented in these wards.

S. G. HOWE.

October 31, 1853.—The undersigned visited and inspected the various wards between the hours of seven and nine this morning. The difference between having a statement of the Hospital in the daytime in an overcrowded state and seeing the consequences of it in the evening is the difference between the abstract and the concrete. In some of the halls the men were lying upon the floor (not upon bedsteads,) on each side of the room, so that one had to pick one's way between them. Some were but half covered up, others tossing about in vain attempts to get an easy posture upon their shapeless heaps of bedding. The air, which had been exhausted by the inmates during the day, and further impaired by gas-light during the evening, was almost fetid, so that it was most disagreeable to breathe. The considerations which, in the daytime, demand the demolition of the outer strong rooms, demand it still more strongly by night. If the patients had the sense of the Parisian mob they would serve them as it did the Bastile. S. G. Howe.

What are these but the expressions of a want never supplied, of a suffering never relieved.

It is true that this hospital has been repaired and improved. It is true that Massachusetts has built and endowed other hospitals, that she cares for and protects more than two thousand of her children within the wards of lunatic asylums. But the great and crying evil has not been remedied.

No attempt has been made at any proper classification; no new facilities for treatment have been afforded. No opportunities given for free and unrestrained enjoyment of the higher faculties. No allurements provided sufficient to induce unwilling men and women to engage in industrial pursuits; nothing to reëstablish and keep alive the kindlier feelings of their social natures.

Look again at the condition and prospects of your hospital. It has two hundred and forty-nine rooms for patients, each of which is eight feet wide by ten long, and nine feet high. These rooms are not only the sleeping-rooms of the patients, they are the dressing-rooms, sitting-rooms, and, to a great extent, the living-rooms of the patients. They have access to the common corridor, the dining-room, and the bathing-room. Besides these two hundred and forty-nine rooms, it has small dormitories equal to thirty-six rooms, making in all two hundred and eighty-five rooms. Into these rooms, destitute of convenience sufficient to preserve the common decencies of life, have been

crowded during the last year a daily average of three hundred and eighty-seven patients; and much of the time during the warm weather there were over four hundred patients. Into this compact hospital, with no facility for segregation, are crowded day and night, year in and year out, one hundred more insane people than it can with any comfort provide for. This embarrasses the administration. It depreciates the standard of health; it diminishes the comfort, and increases the excitement of the patients and adds to the perplexities of the attendants. It makes the whole household restless and uneasy. It necessarily leads to the use of objectionable methods of management, and to unwholesome and injurious restraints. It annoys and often exasperates the convalescent and brings on a relapse of his malady. It intensifies the excitement of the maniacal, and is every way a prolific cause of many other evils.

I have already stated that our patients are drawn from the well-to-do families of cultivation and refinement; among them are the sons and daughters, wives and widows of farmers, mechanics, ministers, lawyers and physicians. These men and women were trained up in neat and orderly habits, were educated in New England schools, and are accustomed to good society, and, however willing and ready they were in health to help the poor, feed the hungry and clothe the naked, they would never from choice have chosen habitations with those of low and degraded propensities and filthy habits. Nor do they when insane seek such companionship, and they ought not to be so degraded by being crowded into apartments with persons whose language, habits and manner offend and shock their sensibilities.

If we continue this method of management we shall degrade the character of the institution in public estimation, and compel those who desire its aid to seek relief elsewhere. We shall assist the multiplication of small private asylums where friends of the insane can procure accommodations for which they are willing to pay, and we shall be instrumental in bringing upon society a great evil which it will be quite impossible to control.

In providing for the prospective wants of the insane, two things are to be kept in mind,—justice and humanity to the patient, and a regard for the public welfare and safety. The

first will forbid the imposition of any restraint which is not absolutely necessary, and the second demands certain regulations providing for the safety and security of those who are unfit to govern and control their own actions, and a wise and efficient supervision of all persons whose mental disorders make occasional seclusion and restraint necessary.

Among other evils arising from the existing arrangements for the management of lunatics are, that they are, and must be, too much of the time confided to persons who are wholly unacquainted with bodily and mental disorders, and who are apt, from carelessness and inattention, to neglect such methods of management as might conduce to recovery, and that the constant pains-taking, intelligent supervision which is necessary to recovery is at present hardly possible.

Sufficient inducements cannot, under existing circumstances, be offered to individuals with proper physical and mental endowments to undertake for any period of time the care of the insane; and the more the insane require trained and skilful supervision from the violence of their disease, the more difficult it becomes to obtain such service.

I believe that new arrangements might be made which would obviate many, if not all, of these difficulties; but, unfortunately, to effect this, the whole subject requires to be considered almost without reference to what has been done before.

What is necessary is a healthy public sentiment in regard to the insane, that they are afflicted with a disease which is curable, and, in the early stages, as much so as any other bodily ailment; that when recovered they are as perfectly restored as persons recovered from any other disease; that the insane are not filled with evil spirits to be exorcised or tamed into subjection only by the mild influences of music and flowers. Nor does disease endow them with every species of low cunning and craft which so much gratifies the idle curiosity and so colors all floating reports concerning them and their management.

Such a healthy sentiment as shall regard the most troublesome as beloved members of our own families who, by reason of some disordered action in the nervous system, are suffering, keenly suffering, from every degree of mental disturbance.

Such a sentiment, too, as shall induce all who feel the ap-

proach of mental disease to flee to the asylum for safety and security, and should assure those who are in a sound state of mind that, in the event of being afflicted with insanity, they will be protected; that their property will be preserved; their persons secured from danger or ill-treatment; that they will not be excluded from the observation of friends, and of persons desirous of restoring them to society and to usefulness; that they will be frequently visited by those who will not allow them to remain in confinement any longer than is for their best good, or to be subject to any restraint which the safety or security of their own persons or property, or the safety and security of the persons or property of others does not demand.

And that every remedial means, medical, moral and mental, will be patiently, perseveringly and scientifically employed for their restoration to health and happiness.

To accomplish these most desirable objects, every lunatic, wherever he may be, or whatever his condition may be, should be under the care and control of the State, and should be frequently visited by some State medical officer, and his condition, care and surroundings carefully and systematically noted and recorded.

Some sufficient means should be at the command of every hospital for the insane to instruct nurses and attendants on probation, and retain their services when desirable.

No person should ever be confined in a lunatic hospital if he can have proper care and control out of it.

There should be attached to every hospital for the insane a sufficient number of medical officers, so that one may be ready all times to attend to insane patients, wherever they may be cared for, within convenient distance of the hospital.

The patients out of the hospital proper being the majority, and consisting of all whose circumstances would insure proper attendance, more complete and perfect arrangements might be made for the smaller number in the hospital proper than has been anywhere attempted as yet.

There should be found in the neighborhood of the hospital a few well-to-do families who would be willing to receive one or two lunatics, such families being governed, so far as their lunatic boarders are concerned, by all the rules and regulations of the hospital. To these such patients should be sent as re-

quire a removal from home, but who hardly need all the restraint of a hospital. A few convalescents, and a few mild chronic cases, might also find more suitable homes in such accommodations than elsewhere.

Information should be given of all lunatics, harmless or otherwise, who might be wandering about the country, and liable to become troublesome and dangerous, and these persons should be examined and registered by the deputy, and placed under restraint if necessary. The security and comfort of all these not necessarily confined in the hospital being provided for, the hospital would become the most cheerful and comfortable, as well as the most desirable place for the special treatment of acute forms of mental disease, and the quiet and repose of such as need rest and recuperation from exhausting mental disturbance.

Let us consider very briefly what this hospital should be and of what it should consist.

For the best management and control of persons afflicted with mental aberration to that degree which requires interference and restraint, it is necessary that places be provided where they can be kept quite separate from relatives and friends, and all those persons whom in health they have been in the habit of commanding or controlling, and where they will be removed from all objects likely to produce the same class of mental operations which accompanied the invasion of the disease.

The first consideration of importance is the proper location of the buildings. The site should be elevated, and, if possible, on a sunny slope, and by no means in a cold or exposed situation. The soil should be gravel, and there should be such a supply of pure water as to make the quantity used daily of no importance.

The estate should be near, but not immediately adjoining, a large town, having abundant railroad facilities, and should be thoroughly enclosed by a high and substantial wall, and furnished with a gatekeeper's lodge at the entrance. The surface of the land should be uneven and broken by groves and scattering trees of natural growth. The quality of the soil is of but little consequence in comparison to the quantity, but a heavy clay sub-soil should be avoided.

The buildings should be mainly of two stories, and should be constructed in the most substantial manner of brick or stone,

and made as cheerful and pleasing in their aspect as a due regard to a wise economy will permit.

They should consist of, first, a hospital proper, containing every facility in its construction for classification, seclusion, and treatment which ingenuity can devise or skill create. This will be best obtained by erection of separate blocks or wings at some little distance from each other, connected by light airy passages or corridors, under which shall be a continuous basement. Each block or wing shall contain within itself every comfort and every facility for the care of its patients, and shall be, to all intents and purposes, a separate and detached hospital. In the lower story there should be the dining-rooms, sculleries, lavatories, water-closets, sitting-rooms, billiard-rooms, reading-rooms, and an occasional room for temporary seclusion of excited patients. The lower story should be connected with the upper story by a wide, light, and easy stairway, and this story should contain the sleeping apartments, bathing-rooms, water-closets, wardrobes, and dressing-rooms, and rooms for seclusion when necessary, and also semi-secluded rooms for the sick, and proper chambers and offices for the nurses.

The rooms should all be lighted by large and pleasant windows, commanding the most pleasing views the situation will permit. The rooms on the lower floor should be large, cheerful, and airy, well warmed at all times, and thoroughly ventilated. The rooms of the upper story should be of convenient size, and have every comfort and convenience of sleeping-rooms and sick-rooms. The bathing-rooms, water-closets and lavatories should be large, light, airy, and of materials which do not absorb moisture. Each room should be thoroughly ventilated by separate flues carried to the main ventilating shaft or duct. The kitchen and domestic offices should be at or near and in the rear of the centre of this proposed group of separate and detached wings or blocks. The public offices, medical offices and business offices, should be at or near and in front of the centre. The corridor basement should connect each wing or block, as well as the corridor above, with the central offices and with each other, and in the basement will be placed facilities for conveying all supplies from the kitchen and stores to the wings or blocks. The males should occupy apartments on one side of the central offices and the females on the other,

and all the accommodations should be separate and distinct from each other.

This centre group of blocks or wings should be of sufficient capacity to accommodate, in the best possible manner, about one-third of the whole number of patients destined to be managed and controlled in the whole establishment. The remaining two-thirds should be accommodated in structures of a different character, but should be subject to the same management and control. So far as the hospital proper is concerned, the objects sought are, a more perfect and complete ventilation, so that the atmosphere of one ward should not diffuse itself through any other ward, but should escape at once into the open air, while its place is supplied as speedily by the purest air obtainable from the common supply of the whole atmosphere outside; a more complete separation of those cases requiring special treatment, and needing rest and seclusion, a more sunny and cheerful aspect to various wards, and less interference and discomfort from the general conduct of a large hospital.

The question of the plan would simply be, first, what is the structure most conducive to health; second, what is the most convenient and economical. That is, how can we best secure perfect ventilation, plenty of sunlight on all sides, pleasing views from all look-outs, and easy and convenient means of communication.

In order to realize all these advantages the wings or blocks may be arranged in any way in reference to each other, but it will generally be found best if placed in a line, or side by side, thus diminishing the distance to be traversed in going from wing to wing, and facilitating the administration of affairs. This allows covered passage-ways between all parts of the hospital without interfering with light or ventilation, and will afford the means for cozy, vine-covered walks and protected flower gardens for the exercising grounds of this class of patients. The remaining two-thirds of the whole number of patients destined to be cared for in the establishment should be accommodated in houses of smaller capacity, built for the purpose on the grounds of the institution and within its enclosures.

These houses should be of sufficient capacity to accommodate twelve to fifteen persons each, and should be of two stories in height, having all day accommodations in the first story, and

all sleeping, and bathing, and dressing accommodations in the second story. The store-rooms should be placed in the basement, which should be high and dry. These houses should be plainly and substantially built of brick or stone, plainly furnished, and should be models of neatness and convenience. The cooking apparatus of each of these houses should be worthy of Yankee ingenuity and skill, and should be made to warm and ventilate all the rooms of the houses during the cold season of the year, as well as to warm all the water for the bathing purposes of the family. These houses may be placed at such distances from each other as the extent of the estate will permit, care being taken only to select sunny and cheerful spots in protected situations. Those occupied by the males should be at a little distance, and somewhat different in character and convenience from those occupied by females, and should be separated from them by a drive-way and such other distinction as may be convenient. There should be no interior divisions of the estate except at the hospital proper, and such as are needed for the protection of growing crops.

Each house should have its garden for fruits, flowers, and vegetables, and should be cultivated by members of the family. Each garden should have its own walks, which should unite and harmonize with the general walk and drive through the whole grounds.

Naturally enough the houses on the side near the farm-house and stables should be occupied by the farm laborers.

Those near the shops and engine-house would best accomodate the mechanics, gardeners and chore-men.

On the other side the houses near the laundry and bakery will accommodate the laboring women, housekeepers, seamstresses, &c. At a little distance from these the houses will be occupied by women—wives and daughters not accustomed to labor, who will pass their time in light employments, and in the gardens and grounds of the institution.

And still further remote, almost outside the gates, should be one for each sex, of still better character, partially secluded from all others, which should be furnished for, and occupied by, convalescents during the few weeks or months just previous to leaving the control of the institution for the duties of active life.

At or near the central group, or hospital proper, should be placed the steam-works for heating and ventilating, pumping, &c. The laundry, bakery, a model bathing-house, and the general store-house from which all supplies should be issued by an order from the proper office, and a strict account kept with every family receiving such supplies.

Here, too, should be the gymnasium, recreation-rooms, lecture-rooms, general library and chapel.

Here also should be a system of experimental shops for such persons as cannot be expected to engage in useful labor, but who would while away much of their time in rational activity and thus promote a speedy restoration to sound health of body and mind.

Could this plan be adopted and carried out a wide step would be taken in advance of any existing arrangement for the care and recovery of the insane. In doing so a departure would, of course, be made from the general style and character of hospital buildings.

Instead of the long, inconvenient, rectangular groups, copied with but slight alterations from old monastic institutions, there would be the central edifice, the hospital proper, in which would be placed all cases of acute mania, the violent and dangerous, the suicidal and troublesome, having every arrangement for classification, and every facility for the care and treatment of the inmates. There would be on one hand a few cottages, plain, neat and substantial, for the quiet, harmless and industrious chronic cases, with gardens and work-rooms where they could follow such industrial pursuits as could be made available without special oversight. On the other hand, there would be the more spacious residences of others who would devote their time to the cultivation of flowers, to reading, walking and riding, and such other light occupations as they were accustomed to follow when in health. One great benefit to accrue from this is a near approach to the family system, and the kindly influences of home treatment, the pleasures of a family circle, homely surroundings, and many of the social comforts which make life desirable. The insane would necessarily enjoy a more free and generous style of amusement and exercise, and would more frequently, and with less restraint, mingle in the society of friends and relatives; in a word,

all the enjoyment of life would be multiplied, and all the social endearments to a great extent preserved, without diminishing in any degree the prospect of recovery, or increasing in any way the labors of the institution.

The convalescent would be peculiarly benefited by this plan. As the excitement of disease wears away, and the mind, regaining its powers, becomes capable of rational reflection, comforts of social life are first dwelt upon, relief from the irksomeness of confinement is now sought and demanded by every consideration of justice and humanity, and it is best found in the well-ordered family. Thus the patient is again brought within the sphere of his healthful and accustomed mental activities, old associations return, former healthy trains of thought are excited and reëstablished, one illusion after another being dispelled, they yield at last to reality, and thus renew in the mind those healthy actions which completely restore the empire of reason.

At present the convalescent returns to the duties and responsibilities of active life at once, with no kind assistance and no protecting care. The beneficial influences of the hospital close upon him, and he returns to the world where his misfortune often operates strongly against his success. Make the arrangement suggested in this paper, and the restored would pass from the hospital to the world at large by gradual steps, and recover one by one his customary duties and responsibilities.

Equally unjust and arbitrary are the present regulations to another class of sufferers, viz.: those who are not insane and yet require the seclusion and restraint of an asylum. The moment a man is placed in the wards of an hospital he is considered insane, and is in the eye of the law insane, no matter what his condition may be, or what may be the type of his disease. He may have voluntarily sought the quiet of the hospital as a place of rest from over-burdening cares, or as a place of restraint from the dominion of some overpowering habit; still all the civil difficulties of a case of insanity attach to him and do not readily leave him.

The adoption of this plan would bring blessings to the aged insane; those who are consigned to the tender mercies of an insane hospital in the last stages of declining health, when the years have come in which they have no pleasure, worn out by

the cares and trials of a long life; and it may be by its sorrows and sufferings. The new and strange surroundings, the absence of familiar faces, the loss of homely comforts, the well-worn easy chair, the old cozy room and bed and fireside, the accustomed food, and all the kindly offices of the faithful family physician, surely ought to be replaced by some sort of apology for a family circle. Kindness, sympathy, humanity, dictate that their wandering existence should be made cheerful and attractive by all the delicate attentions of home, family and friends.

Children, also, upon whom rests the blight of permanent mental disease, instead of the example and surroundings of a ward in a lunatic hospital should receive all the guardianship, care and protection which a Christian family and home, with the absence of maternal love, can bestow.

Another, and, perhaps, the greatest of all advantages likely to result from this, or some similar plan, is the employment of a higher and more skilful class of nurses and attendants.

No plan can succeed in the management of the insane without the aid of well-trained, competent and thoroughly devoted assistants in every department, who will religiously fulfil every obligation, and give certainty and efficiency to all the operations of the institutions; who will respect the rights, anticipate the wants, and obey the calls of the weakest and feeblest, as well as the most cheerful and companionable of those under their charge; who will, by patient attention, win the love of the most wayward; by kind and approving demeanor give courage and strength to the faltering, and who will, by perseverance, so cheerfully and kindly restrain the vicious, that restraint will be deprived of its horror and abuse.

At present, attendants upon the insane are mostly quite young persons, seeking what will pay best, and having no settled ideas as to their future course, but are ready to adopt any mode of life, or to engage in any business that will offer the surest road to a position, character, and respectability. They enter upon full work and full pay at once, and expect little, if anything more, as a reward for long and faithful service. The system of management forbids, the necessities of the institution forbid any attention to the future condition of the attendant.

The merchant, the manufacturer, the master mechanic, can, and does increase the pay and exalt the condition of such assistants as are most useful to him. But not so here. Young men and women who devote themselves to the care of the insane are called upon to perform duties to which few are equal, and for which all are poorly paid. No system of rewards. No prospect of comfort in the future. No convenience for the ties of affection and family. No recognition of higher and holier duties, which can induce attendants upon the insane to retain their places after having become competent to perform their labors. The few who are worthy and do remain, do so at a loss of comfort and competency.

All alienists are agreed upon the necessity of classification; of separating such as are liable to injure themselves or others in any way, and of permitting those to associate together who may contribute in some degree to each others restoration. How can this well be done under existing circumstances? How can it be done at all, unless the establishment is both a hospital and an asylum, so constructed that its several parts are more or less detached from each other? How can the old and feeble be separated from the violent and noisy, so as not to be disturbed by them? How can the convalescent be placed beyond the constant annoyance of those of depraved habits, obscene language and disgusting manners? And how can those unfortunate persons be made comfortable and happy who only suffer from some disturbance or obliquity of the reflective faculties, whose perceptions are keen, whose feelings are tender, and whose sense of propriety remains active. How can all these be properly directed and controlled under any existing hospital arrangements.

These various classes of the insane require for their restoration to health and soundness of mind a wider separation from others than is at present possible. Not isolation, but segregation, which shall divide them into groups possessing nearly the same characteristics, mental and physical, and give to each a house, a home within the hospital precincts. A house conveniently and tastily arranged, having a garden and lawn, and such other appointments as would be desirable for a family of well-to-do people. How can these most desirable objects be obtained? Simply by asking permission of the legislature to

purchase, occupy, and improve, a suitable tract of land, and on it quietly and energetically commence building, according to the proposed plans, and eventually, as opportunity occurs, put the lands at present owned by the hospital into the market, occupying the same until the new structures are erected, the legislature in the meantime giving to the Trustees, with suitable checks and guarantees, the credit of the State to some specified extent.

If we consider carefully the matter we shall find that the lot upon which the hospital now stands contains twelve and six-tenths acres, and at thirty cents per foot will amount to $164,656.80.

The lot on which the barns are located contains four and twenty-five-tenths acres, and at thirty cents per foot will amount to $55,539.

Ten acres bordering upon Mulberry and Central Streets, at 20 cents per foot, will amount to $87,120.

Ten acres bordering upon a continuation of Laurel and Wilmot Streets, at ten cents per foot will amount to $43,560.

Ten acres on Rattlesnake Hill, so called, at five cents per foot, will amount to $21,780.

Forty acres on Chandler Hill, between Belmont Street and a continuation of Laurel Street, should be offered to the city of Worcester for the purpose of a park, and at two thousand dollars per acre will amount to $80,000.

The remaining seventeen acres lying between Shrewsbury Street and the continuation of Laurel Street, at one thousand dollars per acre, will amount to $17,000, making a total of $469,655.80.

You will notice that this calculation is based upon a value per foot considerably less than the several lots are appraised by competent judges.

You must remember that the value of land in this vicinity is constantly increasing, and by the time new structures shall be completed will be very considerably augmented.

You will remember also that it leaves upon the estate all the buildings and fixtures which may be removed to the new location or their value appropriated to the same purpose.

Can the Trustees dispose of the present property and give a clear title for the same? A careful examination has been made

of all the deeds conveying the property owned by the hospital, and no one of them contains a restricting clause or condition of any importance. Eminent legal counsel inform me that the Trustees have full power to give clear titles to any and all lands now owned and occupied by the hospital.

Has the city of Worcester any claim for damages if the hospital is removed to some other location within the city limits, and the lands disposed of by sale?

The records of the town have been searched by the city clerk, and no action of the town is recorded upon their books which could in any way involve a claim for damages in case of removal.

You perceive there is no obstacle or hindrance requiring legislation, or raising any question of right or damage in the matter of disposing of the present property and using the proceeds for the general purposes of a new establishment.

Believing that the legislature would regard with favor the plan recommended in this Report, and grant your petition, a tract of land, comprising about one hundred and seventy-five acres, has been bonded with right to purchase of the several owners, and a map of the same is herewith presented.

The land lies in the most easterly part of the city, and is about two and a quarter miles distant from the court house. The land is of excellent quality, mostly of a gravelly subsoil, well situated, easy of access, and commands an extensive and beautiful prospect. It is well wooded for the purpose, but nearly all improved land, and is well watered, one spring upon it, undeveloped, affording about fifteen thousand gallons of pure water per day. There are other permanent springs and rivulets upon the place.

The neighborhood is unsurpassed, the land is all highly cultivated, there is no bog, or meadow, or unimproved land in the vicinity, and is all owned and occupied by a class of wealthy, intelligent farmers and retired men of business.

Objection may be made that the land is held at high prices, but I need only to remind you that one acre and a half, or two acres near to the present buildings, will more than pay for the whole estate; or that the increase in value of land purchased by myself for the hospital, and paid for out of its yearly earnings, will, probably, nearly, if not quite, make the purchase.

If we compare present with former prices you may be surprised to learn the slight difference which there really is.

The land on which the hospital now stands was purchased in 1830, and was practically as far outside of the then village of Worcester, which competent judges declared had reached its utmost limit of growth, as the Bancroft estate outside of the city of Worcester of to-day.

More than two hundred dollars per acre was paid in 1830 for the lot, destitute of buildings or improvements, on which the hospital now stands.

Three hundred dollars per acre is the price asked by Mr. Bancroft for his highly cultivated farm of about sixty-seven acres, with its groves, orchards, and gardens, and its substantial mansion house, and other farm buildings, in good repair, suitable for the occupancy of the Steward and Treasurer, and a half dozen convalescent gentlemen boarders.

In 1837, land was purchased of Abijah Bigelow, on which the stables now stand, and which was then unimproved and unoccupied, for about five hundred and seventy-five dollars per acre.

In 1869, Walter Bigelow demands for a portion of his rich and valuable land, on which are highly cultivated fields and orchards, and a large supply of pure spring water, two hundred and fifty dollars per acre.

In 1838, land was purchased of Abijiah Bigelow, on Mulberry and Central Streets, for two hundred and twenty-two dollars and twenty-two cents.

In 1869, Messrs. Bond, Duncan, and Rice, will sell to the hospital such improved lands as you desire, for prices varying from one hundred and fifty dollars to two hundred dollars per acre.

Bear in mind, that in these purchases, with the exception of Mr. Bancroft's estate, you run the lines at your will and pleasure through these gentlemen's farms, taking all you want, and leaving what you do not want, and giving to you a tract of land fulfilling all the indications suggested as desirable in this Report, and affording a site equal to, if not superior, to any other hospital site in this country.

The cost of the whole establishment in complete working

order, with all the lands mentioned in these remarks, will not be more than five hundred thousand dollars.

A careful and judicious management of the present estate will, undoubtedly, realise that sum within the time necessary for the perfecting and carrying out the plans indicated in this Report. If the site selected offers insuperable objections, it is hoped that another may be presented to your notice which will afford such attractions as to satisfy all minds, and it gives me pleasure to state that a tract of land has been offered, containing about two hundred acres, and midway between the city and the lake, in a retired situation, yet easy of access, being near to the railroad, and having unlimited facilities for procuring water, and being less exposed to bleak winds than the site first mentioned.

In view of the constantly increasing demands for accommodations for the insane, it is most earnestly desired and recommended, that some measures be taken to put in operation the plan recommended by these remarks.

Thus is briefly and faintly sketched the plan and its promise. Will you adopt the plan and demand its execution?

MERRICK BEMIS.

WORCESTER LUNATIC HOSPITAL,
WORCESTER, MASS., October 1, 1869.

METEOROLOGICAL OBSERVATIONS

MADE AT

THE STATE LUNATIC HOSPITAL, WORCESTER, MASS., 1868-9.

Latitude, 42° 16′ 17″ *N.*; *Longitude* 71° 48′ 13″ *W.*
Elevation, 528 *feet.*

EXPLANATION.—The force of the wind is estimated upon a scale of 10, and indicated by figure affixed to the letters denoting the direction. When no number is affixed, 1 is meant.

METEOROLOGICAL OBSERVATIONS—OCTOBER, 1868.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
☺	1	48	48	46	47	29.553	29.696	29.728	10	10	10	N. E.	N. E.	N. E.	5½ a. m.	–	–	–	Showery.
	2	46	58	50	51	29.701	29.645	29.618	10	8	10	N. E.	E.	E.	–	–	–	–	Showery.
	3	47	57	47	50	29.568	29.537	29.591	10	5	3	N. E.	N. E.	–	–	8 a. m.	.18	–	Showery.
	4	45	57	47	50	29.669	29.525	29.541	2	4	10	N. E.	N. E.	–	–	–	–	–	
	5	48	65	52	55	29.332	29.085	29.061	10	5	0	N. E.	N. E.	S. W.	–	–	–	–	
	6	55	63	49	56	29.269	29.356	29.503	5	3	0	N. W.	N. W.	W.	–	–	–	–	
	7	45	62	54	54	29.599	29.514	29.467	4	3	0	N. W.	S. W.	S. W.	–	–	–	–	
	8	65	73	49	62	29.293	29.187	29.406	10	4	6	S. W.	S. W.	N. W.	6 a. m.	10 a. m.	.03	–	
☾	9	39	51	39	43	29.627	29.713	29.659	0	1	1	N. W.	E.	–	–	–	–	–	
	10	39	54	43	45	29.650	29.461	29.548	8	0	0	N. E.	E.	–	–	–	–	–	
	11	48	66	57	57	29.445	29.333	29.383	10	4	0	E.	S. W.	–	–	–	–	–	
	12	49	58	48	52	29.417	29.396	29.453	0	4	0	S. W.	W.	W.	–	–	–	–	
	13	42	50	47	46	29.697	29.533	29.556	0	9	8	W.	W.	W.	–	–	–	–	
	14	45	49	48	47	29.611	29.583	29.586	10	10	10	–	–	–	3 a. m.	4 p. m.	–	–	Showers.
●	15	50	52	51	51	29.536	29.448	29.382	10	10	10	N. E.	N. E.	N. E.	1½ a. m.	8 p. m.	.20	–	Showers.
	16	52	61	49	54	29.332	29.281	29.299	1	1	0	N. E.	N. W.	–	–	–	–	–	Aurora Borealis, 9, P.M.
	17	39	37	30	35	29.297	29.443	29.568	10	5	0	N. W.	N. W.	N. W.	6 a. m.	12 m.	.21	–	Ice formed. Snow storm.
	18	30	44	39	38	29.781	29.670	29.644	0	1	1	N. W.	W.	W.	–	–	–	–	
	19	41	48	46	45	29.534	29.347	29.379	8	10	8	S. W.	S. W.	S. W.	½ p. m.	7 p. m.	.06	–	
	20	41	50	40	44	29.494	29 488	29.584	0	5	1	W.	N.	N.	–	–	–	–	
	21	41	45	41	42	29.594	29.526	29.437	10	10	10	N. E.	E.	E.	8½ a. m.	12 p. m.	.26	–	
	22	34	39	35	36	29.365	29.327	29.430	10	10	10	N. E.	E.	N. E.	4½ p. m.	–	–	–	Snow-flakes fell.
☽	23	34	37	29	33	29.675	29.722	29.820	8	6	0	N. W.	N. W.	N. W.	–	8 a. m.	.14	.35	
	24	26	43	33	34	29.823	29.712	29.712	2	2	1	S. W.	S. W.	S. W.	–	–	–	–	Frost and ice.
	25	36	53	46	45	29.620	29.496	29.464	3	5	10	S. W.	S. W.	S. W.	–	–	–	–	
	26	48	54	41	48	29.409	29.438	29.586	10	9	4	W.	N. W.	N. W.	–	–	–	–	
	27	34	52	50	45	29.682	29.591	29.516	0	7	10	–	S. W.	S. W.	–	–	–	–	
	28	56	56	42	51	29.274	29.251	29.397	10	10	1	S. W.	W.	W.	3 a. m.	3 p. m.	.06	–	
	29	33	41	33	36	29.640	29.667	29.772	3	1	0	N. W.	W.	W.	–	–	–	–	
	30	29	45	32	35	29.908	29.927	29.982	0	0	1	N. W.	N. E.	–	–	–	–	–	Frost and ice.
☺	31	31	50	50	44	29.941	29.759	29.578	10	10	10	E.	N. E.	S. W.	–	–	–	–	Frost and ice.
Means,		42	52	43	46	29.556	29.505	29.537	6.	6.	4.				Amounts,		1.14	.35	

METEOROLOGICAL OBSERVATIONS—NOVEMBER, 1868.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	31	50	50	44	29.194	29.034	29.080	10	10	10	S. E.	S. W.	S. W.	1 a. m.	–	–	–	Rain, P. M.
	2	58	52	46	52	29.207	29.262	29.278	10	10	10	N.	N.	N. W.	-	8 p. m.	1.60	–	Rain and snow.
	3	34	34	33	34	29.288	29.260	29.280	10	7	0	N. W.	N. W.	N. W.	–	–	–	–	Squally.
	4	32	50	38	40	29.303	29.292	29.332	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	
	5	38	45	42	42	29.237	29.092	29.195	10	10	0	N. E.	N. E.	N. W.	11 a. m.	4 p. m.	.22	–	Foggy, A.M.; rainy, P.M.
	6	40	43	35	39	29.420	29.442	29 593	1	9	0	N. W.	N. W.	S. W.	–	–	–	–	
☾	7	30	40	31	34	29.756	29.755	29.850	1	3	0	N. W.	N. W.	N. W.	–	–	–	–	
	8	32	40	40	37	29.823	29.632	29.547	10	10	10	N. E.	N. E.	N. E.	11 a. m.	–	–	–	Rain and snow, P. M.
	9	39	48	48	45	29.444	29.385	29.437	10	5	10	N. E.	N. E.	N. E.	–	11 a. m.	.29	–	Rain, A. M.
	10	40	42	35	39	29.579	29.559	29.447	10	10	10	N. E.	E.	E.	2½ a. m.	–	–	–	Rain.
	11	41	43	37	40	29.267	29.290	29.337	10	10	2	N. W.	N. W.	W.	–	3½ p. m.	.45	–	Rain.
	12	31	39	32	34	29.560	29.562	29.698	1	3	0	W.	W.	W.	–	–	–	–	Snow squalls.
	13	28	46	37	37	29.708	29.622	29.630	3	2	0	S. W.	S. W.	S. W.	–	–	–	–	
●	14	40	50	36	42	29.610	29.571	29.631	2	3	0	W.	W.	W.	–	–	–	–	Sh'g stars; very brilliant [display.
	15	31	45	34	37	29.703	29.674	29.698	10	9	6	E.	E.	E.	–	–	–	–	
	16	25	38	50	38	29.763	29.728	29.763	0	2	0	N. E.	N. E.	N. E.	–	–	–	–	
	17	26	37	31	31	29.741	29.628	29.588	8	8	8	N. E.	E.	N. E.	–	–	–	–	
	18	34	37	34	35	29.368	29.175	29.165	10	10	10	N. E.	N. E.	N. E.	3 a. m.	–	–	–	Snow.
	19	34	41	35	37	29.245	29.210	29.253	10	5	0	N. E.	N. W.	N. W.	–	2 a. m.	.88	2.25	Aurora, 9, P. M.
	20	32	41	33	35	29.260	29.190	29.180	0	8	2	N.	N.	N.	–	–	–	–	
	21	33	37	33	34	29.086	29.025	29.086	9	5	10	W.	N. W.	N. W.	–	–	–	–	Squally, A. M.
☽	22	33	37	32	34	29.126	29.175	29.256	8	6	1	N. W.	N. W.	N. W.	–	–	–	–	
	23	29	39	32	33	29.393	29.373	29.416	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	24	36	45	37	39	29.380	29.317	29.472	7	2	2	S. W.	W.	N. W.	–	–	–	–	
	25	31	39	36	35	29.551	29.522	29.455	1	6	10	N. W.	N. E.	N. E.	–	–	–	–	
	26	40	44	41	42	29.270	28.795	28.967	10	10	7	N. E.	N. E.	W.	3 a. m.	5 p. m.	.80	–	Rainy.
	27	34	38	34	35	29.283	29.373	29.450	2	0	1	N. W.	N. W.	N. W.	–	–	–	–	
	28	25	40	35	33	29.401	29.260	29.150	3	2	10	N. W.	S. W.	S. W.	–	–	–	–	
☉	29	34	42	37	38	28.980	28.928	28.926	5	3	10	W.	N. W.	S. W.	–	–	–	–	Snow squalls, 3, A. M.
	30	33	38	32	34	28.816	28.776	28.876	8	10	10	S. W.	S. W.	S. W.	–	–	–	–	Cloudy, with driz'lg rain.
Means,		34	42	36	37	29.388	28.384	28.420	5.	5.	4.				Amounts,		4.24	2.25	

METEOROLOGICAL OBSERVATIONS—DECEMBER, 1868.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	2 P. M.	9 P. M.	Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	2 P. M.	9 P. M.	CLOUDS. 10=covered. 7A.M.	2P.M.	9P.M.	WIND. Direction and Force. 7 A. M.	2 P. M.	9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
	1	23	24	22	23	28.296	28.294	29.054	10	10	10	N. E.	N. E.	N.	6 a. m.	12 m.	–	.5	Snow.
	2	21	27	21	23	29.214	29.264	29.369	10	2	0	N.	N. W.	N. W.	–	–	–	–	Fair weather.
	3	18	31	26	25	29.517	29.499	29.603	1	1	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	4	24	30	28	27	29.604	29.563	29.493	2	10	10	N. W.	N. W.	N. E.	–	–	–	–	Fair weather; cl'dy p.m.
	5	26	28	25	26	29.393	29.291	29.323	10	10	10	N. E.	N. E.	N. E.	7½ a.m.	11 p. m.	.59	7.0	Snow.
☾	6	23	30	26	26	29.466	29.488	29.568	8	8	8	N. E.	N. E.	N. E.	–	–	–	–	Cloudy.
	7	23	33	41	32	29.526	29.068	28.466	10	10	10	N. E.	N. E.	N. E.	1 p. m.	11 p. m.	.80	2.0	Snow and rain.
	8	36	35	30	34	28.571	28.463	28.731	6	8	9	N. W.	N. W.	N. W.	–	–	–	–	Squally.
	9	20	24	17	20	28.944	29.104	29.259	1	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	10	10	21	13	15	29.322	29.292	29.374	1	3	10	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	11	12	23	19	18	29.322	29.204	29.074	3	8	10	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	12	17	24	22	21	29.170	29.312	29.439	8	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
●	13	18	25	20	21	29.554	29.551	29.604	0	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	14	17	25	22	21	29.467	29.404	29.347	0	8	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	15	16	30	18	21	29.374	29.481	29.577	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	16	14	29	28	24	29.452	29.281	29.096	3	10	9	N. W.	W.	W.	–	–	–	–	Cloudy P. M.
	17	29	35	37	34	28.891	28.681	28.658	10	5	10	N. E.	N. W.	S. W.	–	–	–	–	Fair weather.
	18	37	32	18	29	28.776	28.961	29.239	10	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	19	7	18	12	12	29.563	29.675	29.785	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	20	17	24	41	27	29.720	29.409	29.243	10	10	10	N. E.	N. E.	S. W.	9 a. m.	–	–	–	Snow and rain.
☽	21	37	44	36	39	29.178	29.107	29.213	0	5	10	W.	N. W.	N. W.	–	6 a. m.	.30	–	Foggy A.M.; Cl'dy P.M.
	22	31	34	28	31	29.363	29.416	29.485	8	3	5	W.	N. W.	W.	–	–	–	–	Cloudy
	23	27	34	21	27	29.423	29.263	29.300	10	10	0	S. W.	S. W.	N. W.	6 a. m.	2½ p. m.	–	.5	Snow.
	24	12	18	7	12	29.222	29.147	29.187	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	25	3	20	17	13	29.255	29.192	29.247	0	1	9	N. W.	W.	N. W.	–	–	–	–	Fair weather.
	26	16	20	14	17	29.429	29.587	29.693	1	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	27	3	19	20	14	29.858	29.795	29.717	1	10	10	N. E.	N. E.	N. E.	2¾ p. m.	11 p. m.	.12	1.0	Snow.
	28	24	34	24	27	29.561	29.592	29.696	2	10	0	N. W.	N. W.	W.	–	–	–	–	Squally.
☺	29	17	36	35	29	29.612	29.348	29.330	3	10	7	W.	S. W.	S. W.	3½ p. m.	7½ p. m.	.04	–	Rainy.
	30	24	27	22	24	29.631	29.636	29.679	8	9	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	31	26	33	28	29	29.631	29.585	29.648	10	5	5	S. W.	N. W.	N. W.	–	–	–	–	Fair weather.
Means,		17	28	23	24	29.332	29.288	29.338	4.	5.	4.				Amounts,		1.85	11.0	

METEOROLOGICAL OBSERVATIONS—JANUARY, 1869.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	RAIN AND SNOW. Hour Ended.	RAIN AND SNOW. Inches Rain & Melted Snow.	RAIN AND SNOW. Inches Snow	REMARKS.
	1	20	16	8	15	29.701	29.634	29.623	10	10	10	N. E.	N. E.	N. E.	6½ a. m.	11½ p. m.	1.35	10	Snow.
	2	13	19	19	17	29.625	29.562	29.504	10	10	10	N.	N. E.	N. E.	–	–	–	–	Snow.
	3	28	38	30	32	29.421	29.400	29.523	5	8	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	4	30	38	38	32	29.546	29.448	29.370	10	10	10	S. W.	S. W.	S. W.	–	–	–	–	Cloudy and foggy.
☾	5	40	43	36	40	28.997	28.862	28.976	10	10	1	S. W.	W.	N. W.	–	–	–	–	Cloudy and foggy.
	6	28	35	30	31	29.216	29.303	29.383	2	4	3	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	7	30	44	37	37	29.488	29.462	29.450	3	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	8	36	53	41	43	29.472	29.454	29.556	2	2	8	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	9	37	42	43	41	29.512	29.364	29.226	10	10	10	N. E.	N. E.	S. W.	–	–	–	–	Cloudy all day.
	10	34	40	32	35	29.137	29.225	29.472	9	2	0	W.	W.	N. W.	–	–	–	–	Fair weather.
	11	25	31	33	30	29.681	29.555	29.305	4	10	10	S. W.	N. E.	N. E.	6 p. m.	–	–	–	Cloudy and rainy.
●	12	28	34	27	30	28.853	29.066	29.296	10	2	5	N. E.	N. W.	N. W.	–	10 a. m.	.96	1.5	Stormy A. M.
	13	24	33	24	27	29.396	29.586	29.586	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	14	24	36	29	30	29.496	29.376	29.396	0	0	0	W.	N. W.	N. W.	–	–	–	–	Cloudless.
	15	31	36	36	34	29.288	29.143	29.123	3	10	10	N. W.	S. W.	N. E.	–	–	–	–	Cloudy all day.
	16	25	33	36	31	29.258	29.318	29.485	2	0	0	N. E.	N. W.	N. W.	–	–	–	–	Fair weather.
	17	20	32	30	27	29.567	29.531	29.576	0	5	5	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	18	17	25	22	21	29.641	29.596	29.569	5	10	10	N. E.	N. E.	N. E.	–	–	–	–	Somewhat cloudy.
	19	15	26	20	20	29.469	29.354	29.324	3	3	0	N.	N. W.	N. W.	–	–	–	–	Fair weather.
☽	20	23	40	32	32	29.118	29.080	29.066	8	5	8	S. W.	W.	N. W.	–	–	–	–	Somewhat cloudy.
	21	17	29	30	25	29.207	29.099	29.061	3	8	9	N. W.	N. W.	S. W.	–	–	–	–	Somewhat cloudy.
	22	10	11	7	9	29.309	29.346	29.414	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	23	5	29	27	17	29.323	29.039	29.071	3	0	0	S. W.	S. W.	W.	–	–	–	–	Fair weather.
	24	25	39	31	32	29.099	29.023	28.980	2	0	2	N. E.	N. W.	N. W.	–	–	–	–	Fair weather.
	25	32	26	15	31	28.946	29.091	29.309	8	0	0	S. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	26	8	18	19	15	29.380	29.402	29.414	2	3	2	N. W.	N. W.	W.	–	–	–	–	Fair weather.
○	27	19	30	28	26	29.507	29.401	29.270	0	2	0	S. W.	W.	W.	–	–	–	–	Fair weather.
	28	28	37	33	33	29.213	29.313	29.410	4	7	0	S. W.	S. W.	W.	–	–	–	–	Fair weather.
	29	29	45	37	37	29.485	29.440	29.367	3	2	10	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	30	34	46	41	40	29.101	28.908	28.993	10	6	0	N. E.	S. W.	W.	3 a. m.	9 a. m.	.51	–	Cloudy and rainy.
	31	32	28	22	27	29.078	29.116	29.296	3	8	2	N. W.	W.	W.	–	–	–	–	Fair weather.
Means,		24	33	28	28	29.339	29.274	29.332	4.	4.	4.				Amounts,		2.82	11.5	

METEOROLOGICAL OBSERVATIONS—FEBRUARY, 1869.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7A.M.	CLOUDS. 2P.M.	CLOUDS. 9P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
	1	17	24	19	20	29.484	29.567	29.629	3	0	0	N. W.	W.	W.	–	–	–	–	Fair weather.
	2	11	26	25	21	29.793	29.779	29.751	0	3	8	N. W.	N. W.	N. W.	–	–	–	–	Fair weather. [11½ p.m.
☾	3	25	32	28	28	29.507	29.148	28.683	10	10	10	N. W.	N. E.	N. E.	6 a. m.	–	–	–	Shower; thunder & light.
	4	28	31	20	26	28.444	28.444	28.696	10	10	1	N. E.	N. E.	N. E.	–	2 a. m.	1.75	4.5	Squally all day.
	5	15	20	16	17	28.754	28.866	29.152	9	7	0	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	6	19	30	25	25	29.364	29.331	29.431	2	1	5	N. E.	N. W.	N. W.	–	–	–	–	Fair weather.
	7	26	22	17	22	29.526	29.604	29.709	6	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	8	10	35	31	25	29.725	29.596	29.538	0	2	4	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	9	28	37	33	33	29.535	29.498	29.483	0	5	8	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	10	31	35	33	33	29.433	29.378	29.438	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Cloudy all day.
●	11	32	34	33	33	29.443	29.338	29.478	10	10	10	N. E.	N. E.	N. E.	1½ p. m.	3½ p.m.	.10	–	Snow sq. 1½ to 3½ p. m.
	12	26	40	39	35	29.588	29.502	29.387	8	2	0	N.	N. W.	N. W.	–	–	–	–	Fair weather.
	13	38	52	46	45	29.415	29.290	29.292	2	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	14	36	34	29	33	29.512	29.564	29.570	10	10	10	N. E.	N. E.	N. E.	11 p. m.	–	–	–	Cloudy all day.
	15	31	34	34	33	29.348	28.946	28.896	10	10	5	N. E.	N. E.	N. E.	–	8 p. m.	1.90	2.	Heavy rain all day.
	16	32	38	32	34	28.879	28.873	28.948	2	7	7	N. W.	N. W.	N. W.	–	–	–	–	Gale at 3 a. m.
	17	27	36	30	31	28.988	28.933	28.833	2	9	2	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	18	33	34	25	31	28.678	28.578	28.761	10	5	1	S. W.	N. W.	N. W.	6 a. m.	1 p. m.	.23	2.3	Snow a. m.; Fair p. m.
☽	19	20	36	22	26	28.904	28.716	29.139	3	6	0	N. W.	N. W.	N. W.	–	–	–	–	Squally all day.
	20	16	32	31	26	29.439	29.418	29.383	0	9	10	W.	N. W.	S. W.	–	–	–	–	Fair a. m.; Cloudy ev'g.
	21	25	38	34	32	29.461	29.408	29.378	1	9	10	N. E.	N. E.	N. E.	–	–	–	–	Fair a. m.; Cloudy ev'g.
	22	39	43	38	40	29.213	29.216	29.216	10	10	10	S. W.	N. W.	N. E.	8 p. m.	–	–	–	Cloudy and stormy p.m.
	23	32	32	26	30	28.884	28.583	28.796	10	10	8	N. E.	N. E.	N. W.	–	4 p. m.	.67	–	Linnets appeared.
	24	18	28	23	23	29.309	29.421	29.571	0	5	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	25	16	30	26	24	29.604	29.636	29.711	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
☺	26	27	30	31	29	29.596	29.333	28.931	10	10	10	N. E.	N. E.	N. E.	10 a. m.	10 p.m.	.84	8.	Cloudy a. m.; snow p. m.
	27	24	27	17	23	28.894	28.944	29.149	1	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	28	13	19	12	15	29.347	29.457	29.552	1	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
Means,		24	32	27	28	29.288	29.227	29.267	5.	5.	4.				Amounts,		5.49	16.8	

METEOROLOGICAL OBSERVATIONS—MARCH, 1869.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	THERMOMETER. 2 P. M.	THERMOMETER. 9 P. M.	THERMOMETER. Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	BAROMETER. 2 P. M.	BAROMETER. 9 P. M.	CLOUDS. 10=covered. 7 A.M.	CLOUDS. 2 P.M.	CLOUDS. 9 P.M.	WIND. Direction and Force. 7 A. M.	WIND. 2 P. M.	WIND. 9 P. M.	RAIN AND SNOW. Hour Began.	RAIN AND SNOW. Hour Ended.	RAIN AND SNOW. Inches Rain & Melted Snow.	RAIN AND SNOW. Inches Snow.	REMARKS.
	1	2	17	8	9	29.544	29.397	29.325	0	0	0	N.	N.	N.	–	–	–	–	Cloudless.
	2	4	24	24	17	29.296	29.212	29.204	0	5	10	N.	S. W.	S. W.	3 p. m.	12 p. m.	.08	1.25	Clear a. m.; snow p. m.
	3	18	36	30	28	29.322	29.391	29.488	3	3	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	4	26	36	23	28	29.401	29.436	29.223	5	8	2	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
☾	5	2	15	9	9	29.426	29.373	29.365	0	0	0	N.	N. W.	N. W.	–	–	–	–	Cloudless.
	6	5	19	18	14	29.324	29.105	29.177	3	10	2	N.	N. E.	N.	10 a. m.	6 p. m.	.10	1.25	Fair a. m.; snow p. m.
	7	15	23	16	18	29.457	29.587	29.615	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	8	16	30	26	24	29.525	29.471	29.529	5	5	0	N W.	N. W.	N. W.	–	–	–	–	Fair weather.
	9	24	37	32	31	29.579	29.608	29.630	0	5	0	W.	W.	W.	–	–	–	–	Fair weather; aur. 9 p.m.
	10	32	38	46	39	29.505	29.275	28.954	10	10	10	S. W.	S. W.	S. W.	6 a. m.	10 p. m.	1.17	–	Cloudy and rainy.
	11	29	34	30	31	29.218	29.350	29.388	0	2	2	N. W.	N. W.	W.	–	–	–	–	Fair weather.
	12	25	34	29	29	29.296	29.263	29.231	3	5	5	N. E.	N. E.	S. W.	–	–	–	–	Fair weather.
●	13	31	42	34	36	29.188	29.170	29.270	4	3	0	S. W.	W.	N. W.	–	–	–	–	Fair weather.
	14	28	45	43	39	29.315	29.140	29.157	2	7	3	N. W.	S. W.	N. W.	–	–	–	–	Fair w'ther ; Blue birds.
	15	25	28	25	26	29.280	29.316	29.488	10	10	0	N.	N.	N. W.	3 a. m.	3 p. m.	.40	3.	Sleet, snow and rain.
	16	10	24	18	17	29.657	29.601	29.591	0	0	0	N. W.	N. W.	N. W.	–	–	–	–	Cloudless.
	17	8	31	23	21	29.573	29.439	29.461	0	2	2	N. W.	N. W.	W.	–	–	–	–	Fair weather.
	18	20	31	25	25	29.509	29.496	29.553	5	5	0	N. E.	N. W.	N. W.	–	–	–	–	Fair weather.
	19	24	36	31	30	29.597	29.515	29.383	0	8	10	N. W.	W.	S. W.	11 p. m.	–	–	–	Clear a.m.; light sn. p.m.
	20	31	38	35	35	29.013	28.833	29.023	10	10	5	N. E.	N. E.	N. W.	–	12 m.	.30	3.	Snow a. m.; Fair p. m.
☽	21	13	20	16	16	29.372	29.472	29.692	1	0	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	22	12	29	25	22	29.805	29.804	29.766	0	5	10	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	23	28	34	32	31	29.493	29.220	29.283	10	10	4	N. E.	N. E.	N. W.	7 a. m.	3¾ p. m.	.76	3.	Snow a.m.; squally p.m.
	24	29	39	28	32	29.418	29.433	29.593	5	5	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	25	25	35	30	30	29.599	29.723	29.738	4	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	26	27	38	36	34	29.588	29.540	29.515	3	10	10	S. W.	S. E.	S. E.	12 m.	–	–	–	Rain p.m.; Robins app.
☺	27	45	55	44	48	29.247	29.274	29.284	5	3	1	N. W.	N. W.	N. W.	–	3 a. m.	.72	–	Fair weather.
	28	39	52	43	45	29.489	29.471	29.482	0	3	10	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	29	37	40	38	38	29.462	29.349	29.057	10	10	10	N. E.	N. E.	N. E.	12½ p.m.	–	–	–	Cloudy and rainy.
	30	36	38	37	37	28.770	28.727	28.807	10	10	10	N. E.	N. E.	N.	–	8 p. m.	1.30	–	Rain.
	31	36	42	37	38	28.870	28.925	28.017	10	8	9	N. W.	N.	N. W.	–	–	–	–	Fair weather.
Means,		23	33	29	23	29.391	29.355	29.977	3.	5.	3.				Amounts,		4.83	11.50	

METEOROLOGICAL OBSERVATIONS—APRIL, 1869.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	30	41	35	35	29.086	29.120	29.197	1	5	2	N. W.	N. W.	N. W.	–	–	–	–	Fair w'r; Bl'k birds app.
	2	35	53	42	43	29.215	29.187	29.147	8	8	10	N.	N. E.	S. E.	8 p. m.	–	–	–	Rain.
☾	3	37	40	28	35	29.030	29.062	29.180	10	2	0	N.	N. W.	N. W.	–	4 a. m.	.60	–	Cloudy a. m.; Fair p. m.
	4	26	34	28	29	29.191	29.086	29.146	2	5	2	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	5	28	48	41	39	29.071	29.032	29.025	9	5	0	S. W.	W.	W.	–	–	–	–	Fair weather; aur. 9 p.m.
	6	37	52	37	42	28.970	28.744	29.127	5	2	0	W.	W.	W.	–	–	–	–	Fair weather.
	7	32	47	40	40	29.200	29.127	29.185	1	5	5	W.	N. E.	N.	4 p. m.	8 p m.	.40	–	Showery; Crocus in bl.
	8	34	47	34	38	29.225	29.155	29.205	0	2	1	N. W.	N. W.	N. W.	–	–	–	–	Fair w'r; Arbutus in bl.
	9	33	42	35	37	29.268	29.245	29.275	0	8	0	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	10	33	45	40	36	29.221	29.262	29.357	3	3	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
●	11	34	46	36	39	29.356	29.255	29.300	0	5	2	N.	N. E.	N.	–	–	–	–	Fair w'r; Dandelion in bl.
	12	34	45	38	39	29.286	29.227	29.292	7	8	5	N. E.	N.	N. E.	–	–	–	–	Fair weather.
	13	36	44	34	38	29.278	29.260	29.305	5	10	2	N. E.	N. E.	N.	4 p. m.	6 p. m.	.25	1.5	Snow squall p. m.
	14	29	43	39	37	29.353	29.362	29.467	6	7	2	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	15	37	49	43	43	29.580	29.526	29.541	0	0	2	N. W.	W.	N.	–	–	–	–	Fair w'r; brilliant aurora
	16	41	64	53	53	29 550	29.484	29.425	6	3	2	N.	N. W.	S. W.	–	–	–	–	Fair weather. [7 p. m.
	17	46	54	49	50	29.257	29.081	29.247	7	10	2	S. W.	S. W.	S. W.	–	–	–	–	Fair a. m.; shower p. m.
	18	52	68	57	59	29.287	29.326	29.361	2	3	8	S. W.	S. W.	W.	–	–	–	–	Fair weather.
☽	19	55	71	49	58	29.331	29.122	29.231	5	8	6	S. W.	S. W.	S. W.	–	–	–	–	Cloudy.
	20	47	68	63	59	29.252	29.178	29.108	7	10	10	N. E.	N. E.	S. W.	9 p. m.	–	–	–	Rain 9 p. m.
	21	60	60	54	58	28.820	28.921	29.031	10	4	4	S. W.	W.	S. W.	–	10½ p.m.	.62	–	Rain.
	22	45	52	45	47	29.117	29.319	29.448	5	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	23	43	60	49	51	29.622	29.592	29.530	0	5	9	N. W.	W.	S. W.	12 p.m.	–	–	–	Fair a. m.; cloudy p. m.
	24	54	70	59	61	29.284	29.203	29.251	7	3	3	N. W.	N. W.	N. W.	–	4 a. m.	.40	–	Cloudy a. m.; Fair p. m.
	25	44	54	48	49	29.257	29.191	29.299	2	5	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
☉	26	48	69	60	59	29.297	29.203	29.265	1	2	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	27	57	68	55	60	29.366	29.303	29.266	5	6	10	N.	N.	S. W.	–	–	–	–	Fair weather.
	28	45	60	52	52	29.257	29.148	29.121	9	9	0	N.	N. W.	N. W.	–	–	–	–	Fair weather.
	29	46	37	37	40	29.142	29.195	29.285	10	10	2	N. E.	N. E.	N. E.	4 a. m.	2½ p.m.	.25	–	Rain and snow.
	30	37	52	44	44	29.378	29.319	29.397	0	1	0	N.	N. W.	N. W.	–	–	–	–	Fair weather.
Means,		40	52	44	45	29.251	29.207	29.267	4	5	3				Amounts,		2.52	1.5	

METEOROLOGICAL OBSERVATIONS—MAY, 1869.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M	2 P. M.	9 P. M.	Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	2 P. M.	9 P. M.	CLOUDS. 10=covered. 7 A. M.	2 P. M.	9 P. M.	WIND. Direction and Force. 7 A. M.	2 P. M.	9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
	1	37	46	35	39	29.380	29.317	29.133	5	10	10	N. E.	N. E.	N. E.	2 p. m.	–	–	–	Rain and snow.
	2	36	37	36	40	28.933	28 671	28 649	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Rainy.
☾	3	39	47	40	42	28.701	28.753	28.863	2	8	6	S. W.	N. W.	S. W.	–	1½ a. m.	1.38	–	Fair weather.
	4	33	43	41	39	28.908	28.905	28.965	6	10	5	N. W.	N. W.	S. W.	2 p. m.	8 p. m.	.05	–	Cloudy and rainy p. m.
	5	42	50	45	46	29.167	29 274	29.347	2	2	3	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	6	44	55	50	50	29.380	29.351	29.404	1	6	6	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	7	55	62	48	55	29.374	29.346	29.381	5	3	0	N. E.	N. E.	N. E.	–	–	–	–	Fair w'r; aurora 9 p. m.
	8	55	66	52	58	29.346	29.305	29.302	5	5	3	N. E.	N. E.	N. E.	–	–	–	–	Fair w'r; aurora 9 p. m.
	9	52	64	54	57	29.197	29 178	29.173	2	6	8	N. E.	N. W.	N.	–	–	–	–	Fair weather.
	10	54	63	57	58	29.244	29 213	29 283	0	2	0	N. E.	N. E.	N. E.	–	–	–	–	Fair w'r; aurora 9 p. m.
●	11	53	75	62	63	29.332	29 217	29 205	3	5	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	12	59	80	65	68	29.244	29.174	29.195	5	5	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	13	52	70	60	61	29.276	29.195	29.105	8	8	8	N. E.	S. W.	N. E.	–	–	–	–	Cloudy.
	14	55	70	57	61	28.927	28.877	28.880	10	5	9	N. E.	N. E.	N. E.	12½ a.m.	5½ p.m.	1.15	–	Rain; Rainbow.
	15	58	66	60	61	28.860	28.830	28.804	10	8	10	N. W.	W.	S. W.	1 a. m.	10½ a.m.	.53	–	Rain.
	16	58	66	54	59	28.770	28.804	28.772	1	10	4	W.	S.	S. W.	2½ p. m.	5 p. m.	.23	–	Fair a.m.; Showery p.m.
	17	53	61	50	55	28.740	28.730	28.920	1	2	9	W.	W.	S. W.	–	–	–	–	Fair weather.
☽	18	51	60	55	55	28.868	28.933	29.226	2	9	5	W.	W.	W	–	–	–	–	Fair weather.
	19	53	55	46	51	29.219	29.069	29.047	10	10	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	Cloudy and rainy.
	20	53	63	55	57	29.092	29.138	29.226	5	6	4	N. W.	N. W.	N. W.	–	5 a. m.	1.10	–	Rain; meteor seen 11
	21	50	61	56	56	29.287	29.268	29.253	5	8	10	N. W.	N. W.	N. W.	–	–	–	–	Fair weather; [p. m.
	22	45	61	52	53	29.209	29.083	29.189	10	2	0	N. E.	N. E.	N. E.	12½ a.m.	8 a. m.	.27	–	Rain a. m.; Fair p. m.
	23	54	66	56	59	29 234	29.208	29.273	5	5	5	N. E.	N. E.	N. E.	–	–	–	–	Hazy.
	24	52	71	58	60	29 342	29.195	29.211	5	5	5	N. E.	N. E.	N. E.	–	–	–	–	Hazy.
○	25	58	78	70	69	29.301	29 240	29.237	5	3	6	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	26	64	80	66	70	29.173	29.107	29.158	2	9	3	S. W.	S. W.	S. W.	5 p. m.	6 p. m.	.05	–	Fair a. m.; Shower p. m.
	27	49	62	57	56	29.414	29.417	29.477	4	4	8	N. E.	N. W.	N.	–	–	–	–	Fair weather.
	28	54	65	51	57	29.533	29.484	29.480	10	9	10	N. E.	N. W.	S. W.	6¼ p. m.	–	–	–	Cloudy and rainy p. m.
	29	50	56	59	55	29.399	29.389	29 421	10	10	10	N. E.	W.	S. W.	–	10 a. m.	.26	–	Cloudy and rainy.
	30	58	63	57	59	29.450	29.449	29.420	2	10	10	N. W.	S. W.	S. W.	11½ a. m.	–	–	–	Cloudy and rainy.
	31	58	75	72	68	29.365	29.290	29.285	10	6	2	S. W.	W.	N. W.	–	8 a. m.	.75	–	Thunder shower.
Means,		51	62	54	55	29.182	29.142	29.170	5.	6.	5.				Amount,		5.77		

METEOROLOGICAL OBSERVATIONS—JUNE, 1869.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	68	78	69	72	29.273	29.310	29.378	8	3	3	S. W.	W.	S. W.	12 m.	1 p.m.	.05	–	Showery.
☾	2	65	73	64	67	29.474	29.483	29.541	6	8	10	N. W.	S. W.	S. W.	4¼ p.m.	12 p m.	.15	–	Showery.
	3	65	78	72	72	29.512	29.503	29.496	0	5	3	N. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	4	64	75	67	69	29.459	29.378	29.342	0	6	10	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	5	66	76	66	69	29.200	29.045	29.098	10	9	2	S. W.	S. W.	W.	6¾ p. m.	8 p. m.	.03	–	Showery.
	6	58	65	59	61	29.388	29.434	29.526	1	0	1	N.	N. W.	N. W.	–	–	–	–	Fair weather; aur. 9 p.m.
	7	50	66	55	57	29.621	29.539	29.517	7	5	2	N. E.	W.	N. W.	–	–	–	–	Fair weather.
	8	53	56	53	54	29.478	29.447	29.570	8	10	9	N. E.	N. E.	N.	10 a. m.	3 p. m.	.14	–	Cloudy and rainy.
●	9	53	67	56	59	29.643	29.601	29.587	0	4	0	N. E.	N. W.	N. W.	–	–	–	–	Fair weather.
	10	56	62	55	58	29.533	29.404	29.386	6	8	10	S. W.	S. W.	S. W.	–	–	–	–	Cloudy.
	11	55	68	55	59	29.236	29.098	29.121	10	6	2	S. W.	S. W.	N. W.	–	–	–	–	Shower; Rainbow.
	12	53	61	56	57	29.236	29.318	29 318	4	6	2	S. W.	W.	S. W.	–	–	–	–	Fair weather.
	13	53	72	65	63	29.334	29.298	29.200	10	2	10	S. W.	S. W.	S. E.	–	–	–	–	Fair weather.
	14	67	70	68	68	29.100	28 992	29.052	10	10	10	S. E.	S. W.	S. W.	6⅓ a.m.	–	–	–	Showery.
	15	67	71	65	67	29.060	29.070	29.083	10	10	4	S. W.	S. W.	S. W.	–	11 a. m.	.12	–	Showery a.m.; fair p.m.
☽	16	58	67	58	61	29 269	29.255	29.373	0	4	2	W.	W.	W.	–	–	–	–	Cl'dy; shower; rainbow.
	17	58	70	63	64	29.480	29.466	29.498	0	4	1	W.	W.	W.	–	–	–	–	Fair weather.
	18	64	75	69	63	29.409	29.383	29.337	4	6	5	S W.	S. W.	S. W.	–	–	–	–	Cloudy.
	19	67	77	66	70	29.355	29.337	29.388	4	3	1	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	20	61	63	64	62	29.411	29.308	29.185	5	10	10	N. E.	N. E.	N. E.	10 a.m.	12 p. m.	.39	–	Cloudy and showery.
	21	61	75	61	66	29.198	29 212	29 303	2	7	10	N. W.	N. W.	N. E.	9 p. m.	–	–	–	Cloudy.
	22	56	61	58	58	29.273	29 306	29.321	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Rainy.
☉	23	57	69	66	64	29.376	29.378	29.398	10	5	1	N. E.	S. W.	S. W.	–	9 a. m.	.84	–	Rainy.
	24	64	75	67	69	29.459	29.425	29.461	6	3	2	W.	W.	S. W.	–	–	–	–	Fair weather.
	25	65	75	67	69	29.470	29.483	29.501	3	5	10	W.	W.	N. E.	–	–	–	–	Fair weather.
	26	59	64	67	63	29.470	29.446	29.396	10	10	10	N. E.	N. E.	S. W.	10½ a. m.	–	–	–	Cloudy and showery.
	27	67	69	64	67	29.363	29.315	29.345	10	10	10	S. W.	N. E.	N. E.	–	–	–	–	Rainy.
	28	64	75	69	69	29.305	29.187	29.150	10	5	10	N. E.	W.	W.	–	6½ p.m.	1.36	–	Cloudy and showery.
	29	68	80	73	74	29 195	29.249	29.282	4	3	1	W.	S. W.	N. E.	–	–	–	–	Fair weather; aur. 9 p.m.
	30	74	73	64	70	29.195	29 067	29.143	3	10	2	S. W.	S W.	N. E.	–	–	–	–	Cl'dy & sh'y; aur. 9 p.m.
Means,		61	70	63	64	29.359	29.324	29.343	5.	6	5.				Amount,		3.08	–	

METEOROLOGICAL OBSERVATIONS—JULY, 1869.

Moon's Phases.	Days of the month.	THERMOMETER. 7 A. M.	2 P. M.	9 P. M.	Mean.	BAROMETER. Cor. and Red. to 32°. 7 A. M.	2 P. M.	9 P. M.	CLOUDS. 10=covered. 7A.M.	2P.M.	9P.M.	WIND. Direction and Force. 7 A. M.	2 P. M.	9 P. M.	RAIN AND SNOW. Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	REMARKS.
☾	1	53	65	64	61	29.331	29.341	29.343	10	10	10	S. W.	W.	W.	–	–	–	–	Hazy all day.
	2	59	70	65	65	29.323	29.275	29.205	10	10	10	W.	W.	S. W.	–	–	–	–	Hazy all day.
	3	65	74	73	71	29.185	29.145	29.065	5	10	8	W.	S. W.	S. W.	–	–	–	–	Hazy all day.
	4	75	81	73	76	29.047	29.017	29.145	3	2	3	S. W.	W.	N. W.	–	–	–	–	Fair weather.
	5	59	70	61	63	29.356	29.393	29.504	2	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	6	60	72	64	65	29.562	29.531	29.553	0	3	2	N. E.	N. W.	S. W.	–	–	–	–	Fair weather.
	7	63	76	65	68	29.554	29.478	29.463	1	2	2	W.	W.	S. W.	–	–	–	–	Fair weather.
	8	67	76	71	71	29.431	29.380	29.385	3	3	5	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
●	9	67	71	64	67	29.300	29.187	29.205	9	10	10	S. W.	S. W.	S. W.	4½ p. m.	7½ p.m.	.33	–	Cloudy and rainy p. m.
	10	65	77	70	71	29.285	29.324	29.292	0	0	0	S. W.	S. W.	S W.	–	–	–	–	Fair weather.
	11	73	86	74	78	29.235	29.151	29.232	2	2	0	S. W.	W.	N. W.	4 p. m.	4 p. m.	.02	–	Slight shower p. m.
	12	66	76	67	70	29.393	29.375	29.372	0	1	2	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	13	64	75	68	69	29.439	29.410	29.441	4	5	5	N. W.	W.	W.	–	–	–	–	Fair weather.
	14	63	73	70	69	29.454	29.428	29.461	10	10	8	N. E.	N. E.	S. W.	4½ a.m.	7½ a. m.	–	–	Dog-day w'r; showery.
	15	63	71	73	69	29.388	29.292	29.282	10	10	8	N. E.	S. W.	S. W.	4 a m.	8 a. m.	.95	–	Dog-day w'r; showery.
☽	16	72	87	76	78	29.240	29.054	29.144	9	5	2	S. W.	S. W.	S. W.	3¼ p.m.	4½ p. m.	–	–	Dog-day w'r; showery.
	17	72	79	70	74	29.187	29.222	29.255	5	2	2	S. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	18	68	74	70	71	29.248	29.205	29.215	6	4	8	N. W.	N. W.	S. W.	–	–	–	–	Fair weather.
	19	67	74	65	69	29.283	29.315	29.353	4	3	9	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	20	60	76	67	68	29.286	29 365	29.340	2	5	8	N. E.	N. E.	S. W.	–	–	–	–	Fair weather.
	21	64	73	70	69	29.275	29.222	29.232	10	4	1	N. E.	S. W.	S. W.	–	–	–	–	Dog-day w'r; showery.
	22	63	68	62	64	29.313	29.328	29.355	1	5	5	N. W.	S. W.	S. W.	–	–	–	–	Fair weather.
○	23	61	77	67	68	29.386	29.402	29.451	3	3	5	S. W.	S. W.	S. W.	–	–	–	–	Hazy p. m.
	24	68	80	68	72	29.436	29.402	29.418	10	5	4	S. W.	S. W.	S. W.	–	–	–	–	Hot and sultry.
	25	72	82	76	77	29.421	29.398	29.407	5	5	2	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	26	72	74	70	72	29.425	29.398	29.391	10	10	10	S. W.	S. W.	S. W.	1 2½ p.m	3 p. m.	.10	–	Dog-day w'r; showery.
	27	72	80	70	74	29.307	29.272	29.290	4	6	2	W.	S. W.	S. W.	–	–	–	–	Dog-day w'r; showery.
	28	68	81	75	75	29.328	29.319	29.319	0	5	2	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	29	71	77	72	73	29.237	29.274	29.252	10	10	4	S. W.	S. W.	S. W.	–	–	–	–	Thunder 6½ a.m.; show'y
	30	61	73	64	69	29.313	29.347	29.451	3	5	1	W.	S. W.	S. W.	–	–	–	–	Fair weather. [9½ a.m.
☾	31	61	74	66	67	29.597	29.613	29.693	0	5	1	N. W.	W.	W.	–	–	–	–	Fair weather.
Means,		65	75	69	70	29.339	29.318	29.339	4.	5.	3.				Amount,		1.40	–	

METEOROLOGICAL OBSERVATIONS—AUGUST, 1869.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	60	75	68	68	29.717	29.715	29.698	0	5	2	N. W.	W.	W.	–	–	–	–	Hazy p. m.
	2	61	75	67	68	29.614	29.480	29.391	2	3	0	W.	S. W.	S. W.	–	–	–	–	Hazy p. m.
	3	69	80	71	73	29.198	29.127	29.154	3	6	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	4	65	74	68	69	29.195	29.132	29.187	0	5	10	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	5	64	68	62	65	29.203	29.198	29.273	10	10	10	S. W.	S. W.	S W.	1 a. m.	12 p. m.	.31	–	Cloudy and rainy.
	6	54	66	56	59	29.331	29.358	29.467	0	3	2	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
●	7	54	64	57	58	29.443	29.447	29.507	0	3	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather ; eclipse.
	8	59	71	61	64	29.484	29.491	29.501	0	1	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	9	58	75	66	66	29.525	29.450	29.461	2	5	0	N. W.	S. W.	S. W.	–	–	–	–	Hazy p. m.
	10	61	78	68	69	29.447	29.390	29.403	3	3	1	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	11	62	81	74	72	29.371	29.324	29.378	0	2	5	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	12	64	74	74	71	29.484	29.460	29.480	0	0	0	N. E.	N. E.	N. E.	–	–	–	–	Cloudless.
	13	62	75	67	68	29.482	29.400	29.418	2	8	10	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
☽	14	65	74	67	69	29.426	29.443	29.448	0	0	0	W.	S. W.	S. W.	–	–	–	–	Cloudless.
	15	65	69	72	69	29.404	29.298	29.247	9	10	10	S. W.	S. W.	S. W.	8 a. m.	–	–	–	Showery.
	16	59	62	59	57	29.268	29.333	29.398	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Heavy shower, thunder
	17	59	65	60	61	29.450	29.479	29.514	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Showery. [& lightning.
	18	58	69	66	64	29.510	29.404	29.378	10	5	10	N. E.	N. E.	S. W.	–	11 a. m.	1.57	–	Fair weather.
	19	65	77	71	71	29.454	29.405	29.383	10	6	6	S. W.	S. W.	S. W.	–	–	–	–	Hazy p. m.
	20	72	85	81	79	29.270	29.239	29.224	10	7	9	S. W.	S. W.	S. W.	–	–	–	–	Dog-day weather.
○	21	78	80	70	76	29.277	29.287	29.355	5	10	10	S. W.	N. E.	N. E.	6 p. m.	8 p. m.	.30	–	Showery.
	22	66	72	67	68	29.398	29.311	29.371	10	5	0	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	23	61	72	65	69	29.567	29.551	29.596	1	0	0	N. E.	N. E.	N. E.	–	–	–	–	Fair weather.
	24	60	76	68	68	29.510	29.565	29.568	0	1	1	S. W.	N. E.	S. W.	–	–	–	–	Fair weather ; aur. 9 p.m.
	25	66	74	69	70	29.504	29.380	29.242	3	3	10	S. W.	S. W.	S. W.	8 p. m.	10 p. m.	.03	–	Showery.
	26	67	73	66	69	29.403	29.285	29.383	2	0	0	N.	N. E.	S. W.	–	–	–	–	Fair weather.
	27	55	73	62	63	29.427	29.428	29.451	0	0	2	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	28	60	74	69	68	29.437	29.325	29.192	9	8	10	N. W.	S. W.	S. W.	–	–	–	–	Cloudy.
	29	72	80	68	73	29.190	29.174	29.257	8	2	1	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
☾	30	62	69	62	64	29.291	29.218	29.285	3	4	2	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	31	53	63	52	56	29.331	29.316	29.406	1	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
Means,		62	72	66	67	29.406	29.369	29.387	3.	4.	4.				Amount,		2.21	–	

METEOROLOGICAL OBSERVATIONS—SEPTEMBER, 1869.

Moon's Phases.	Days of the month.	THERMOMETER.				BAROMETER. Cor. and Red. to 32°.			CLOUDS. 10=covered.			WIND. Direction and Force.			RAIN AND SNOW.				REMARKS.
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7A.M.	2P.M.	9P.M.	7 A. M.	2 P. M.	9 P. M.	Hour Began.	Hour Ended.	Inches Rain & Melted Snow.	Inches Snow.	
	1	49	59	54	54	29.446	29.465	29.527	1	4	9	N. W.	N. E.	N. E.	–	–	–	–	Fair a. m.; cloudy p. m.
	2	53	59	53	55	29.578	29.570	29.600	10	8	3	N. E.	N. E.	N. E.	–	–	–	–	Cloudy a. m.; Fair p. m.
	3	54	67	60	60	29.565	29.504	29.564	10	3	1	N. E.	N. W.	S. W.	–	–	–	–	Fair weather.
	4	54	70	65	63	29.553	29.543	29.536	2	0	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	5	61	78	66	68	29.557	29.495	29.531	2	2	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather; aur. 9 p.m.
●	6	63	76	67	69	29 554	29.515	29 551	10	5	1	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	7	67	74	70	70	29.518	29.430	29.385	10	10	10	S. W.	N. E.	S. W.	8 a. m.	–	–	–	Showery.
	8	72	79	72	74	29 267	29.074	29.955	9	7	9	S. W.	S. W.	S. W.	–	10 p. m.	1.85	–	Showery; rain p. m.
	9	64	68	62	65	29.105	29.198	29 308	3	5	2	W.	W.	W.	–	–	–	–	Fair weather; aur. 9 p.m.
	10	59	64	56	60	29.371	29.335	29.418	8	7	10	N. W.	N. E.	N. E.	6 p. m.	–	–	–	Showery.
	11	56	67	58	60	29.450	29.464	29.514	1	3	1	N.	N. W.	N. W.	–	1 a. m.	.70	–	Fair weather; aur. 9 p.m.
☽	12	56	74	64	65	29 580	29.568	29.638	0	2	0	N. W.	N. W.	N. W.	–	–	–	–	Fair weather.
	13	61	76	62	66	29.707	29.700	29.726	0	0	0	N. E.	N. E.	N. E.	–	–	–	–	Cloudless.
	14	54	72	62	63	29.770	29.676	29.661	0	0	0	N. E.	N. E.	S. W.	–	–	–	–	Cloudless; foggy a.m.
	15	56	72	61	63	29.625	29.653	29.539	0	1	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	16	60	75	64	66	29.487	29.436	29.498	0	3	2	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	17	60	66	60	62	29.614	29.656	29.714	10	10	10	N. E.	N. E.	N. E.	–	–	–	–	Cloudy.
	18	57	65	61	61	29.752	29.739	29.732	10	10	4	N. E.	N. E.	S. W.	–	–	–	–	Cloudy.
	19	62	75	69	69	29 677	29.660	29.541	6	3	0	S. W.	W.	S. W.	–	–	–	–	Fair weather.
☺	20	72	83	68	74	29.393	29.382	29.485	1	5	10	S. W.	S. W.	S. W.	5.25 to	5.50 p.m.	.28	–	Fair a. m.; shower p. m.
	21	61	66	58	62	29 592	29.578	29.544	10	10	10	N. E.	N. E.	N. E.	3 p. m.	–	–	–	Cloudy and rainy.
	22	88	60	59	59	29.672	29.654	29.550	10	10	10	N. E.	N. E.	N. E.	–	12 p. m.	.20	–	Cloudy and rainy.
	23	58	69	60	62	29.552	29.618	29.712	5	5	0	N. W.	N. E.	N. E.	–	–	–	–	Fair weather.
	24	58	66	62	62	29.742	29.712	29.742	0	4	0	W.	S. W.	S. W.	–	–	–	–	Fair weather; foggy a.m.
	25	62	66	63	64	29.714	29.651	29.604	2	8	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	26	63	71	68	67	29.454	28.292	29.198	10	10	10	N. E.	S. W.	S. E.	5½ p. m.	–	–	–	Cloudy a.m.; rainy, p.m.
	27	52	54	45	50	29.110	29 232	29.387	10	8	0	N. W.	N. W.	N. W.	–	8 a. m.	1.71	–	Cloudy a.m.; fair p.m.
☾	28	39	54	47	47	29.527	29.536	29.651	0	0	0	W.	W.	S. W.	–	–	–	–	Cloudless.
	29	45	64	54	54	29.656	29.647	29 687	1	2	0	S. W.	S. W.	S. W.	–	–	–	–	Fair weather.
	30	50	70	64	61	29 681	29 596	29.601	2	2	2	S. W.	S. W.	S W.	–	–	–	–	Fair weather.
Means.		58	68	61	62	29.542	29.519	29.569	4.	4.	3.				Amount,		4.74	–	

WEATHER AND WIND, 1868–9.

Weather and Wind.	October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	Septemb'r.	Total.
Number of days clear, ...	0	2	3	3	1	4	0	0	0	1	2	3	19
Number of days cloudy, . . .	31	28	28	28	27	27	30	31	30	30	29	27	346
Number of days rainy, ...	6	10	7	5	7	8	7	14	15	9	6	7	101
Number of days N. wind, . . .	0	2	2	2	0	7	11	1	2	0	1	1	29
Number of days N. W. wind, . .	10	14	24	19	20	21	15	11	8	10	7	7	166
Number of days W. wind, . . .	7	6	6	10	2	5	7	6	8	9	3	3	71
Number of days S. W. wind, . .	11	7	4	13	2	7	8	13	17	27	20	18	147
Number of days S. wind, . . .	0	0	0	0	0	0	0	1	0	0	0	0	1
Number of days S. E. wind, . .	0	1	0	0	0	1	0	0	2	0	0	1	5
Number of days E. wind, . . .	6	2	0	0	0	0	0	0	0	0	0	0	8
Number of days N. E. wind, . .	12	10	9	11	13	9	7	17	12	6	10	13	129

REMARKS.

By clear days is meant days entirely clear; *i. e.*, no cloud whatever being visible.
By rainy days, that more or less rain (or snow) fell, without any reference to quantity.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, 1868–9.

Average for		October.	November.	December.	January.	February.	March.	April.	May.	June.	July.	August.	Septem'r.	Year.
Thermometer,	7 A. M.	42	34	17	24	24	23	40	51	61	65	62	58	42
	2 P. M.	52	42	28	33	32	33	52	62	70	75	72	68	52
	9 P. M.	43	36	23	28	27	29	44	54	63	69	66	61	45
	daily,	46	37	24	28	28	23	45	55	64	70	67	62	46
Barometer,	7 A. M.	29.556	29.388	29.332	29.339	29.288	29.391	29.251	29.182	29.359	29.339	29.406	29.542	29.364
	2 P. M.	29.505	28.384	29.288	29.274	29.227	29.355	29.207	29.142	29.324	29.318	29.369	29.519	29.243
	9 P. M.	29.537	28.420	29.338	29.332	29.267	29.977	29.267	29.170	29.343	29.339	29.387	29.569	29.329
	daily,	29.533	28.738	29.319	29.315	29.261	29.577	29.241	29.165	29.342	29.332	29.387	29.543	29.329
Cloudiness,	7 A. M.	6.	5.	4.	4.	5.	3.	4.	5.	5.	4.	3.	4.	4.
	2 P. M.	6.	5.	5.	4.	5.	5.	5.	6.	6.	5.	4.	4.	5.
	9 P. M.	4.	4.	4.	4.	4.	3.	3.	5.	5.	3.	4.	3.	4.
	daily,	5.	5.	4.	4.	5.	4.	4.	5.	5.	4.	4.	4.	4.
Inches Rain and Snow Water,		1.14	4.24	1.85	2.82	5.49	4.83	2.52	5.77	3.08	1.40	2.21	4.74	3.34
" Snow,		–	2.25	11.00	11.50	16.80	11.50	1.50	–	–	–	–	–	9.09

Amount of Rain and Snow registered at the State Lunatic Hospital, Worcester, Mass., for Twenty-Nine Years.

Year.	January.		February.		March.		April.		May.	June.	July.	Aug.	Sept.	October.		November.		December.		Total.	
	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.	Inches Rain.	Inches Snow.
1841, ...	4.78	25.50	.83	15.	3.43	20.	6 54	6.	3.46	.92	2.94	2.97	4.27	3.84	–	4.17	10.	4.77	6.	42.92	82.50
1842, ...	1.35	5.	4.13	3.	2.24	4.	2.82	–	3.24	4.93	1.96	7.12	3.50	.83	–	3.36	2.	5.30	26.	40.78	40.00
1843, ...	5.05	2.	4.45	30.	5.23	26.	3.13	10.	1.73	4.15	3.39	9.19	1.25	5.19	–	3 63	–	2.28	23.	48.67	91.
1844, ...	3.14	13.50	1.44	12.	3.80	18.50	.35	–	3.67	1.92	3.50	3 39	3.68	7.34	–	3.06	5.	2.56	8.	37.85	57.
1845, ...	4.17	12.	2.61	20.	3.29	10.	1.61	–	3.23	3.14	2.91	2.36	2.57	4.44	–	6.77	4.	5.39	13.	42.49	59.
1846, ...	2.92	13.	2.50	30.	3.33	–	1.34	–	5.85	2.37	3.81	2.44	.90	2.19	–	4.08	5.	2.87	4.	34.60	52.
1847, ...	4.66	5.	4.08	17.	3.89	8.	1.67	–	3.52	5.29	4.86	4.20	7.17	2.87	–	3.75	–	4.93	10.50	50.89	40.50
1848, ...	3.08	4.50	1.61	23.	3.89	6.	1.52	5.	6.82	1.31	3.13	3.19	2.36	5.75	–	1.94	7.75	3.93	25.	38.53	71.25
1849, ...	.98	2.	1.30	16.50	4.75	3.	1.95	1.5	3.56	1.25	1.60	4.28	2 49	6.45	–	4.11	–	3.12	8.50	35.84	31.50
1850, ...	4.79	15.	3.23	2.	3.67	20.	5.53	13.	7.50	3.25	3.75	6.05	7.92	3.37	–	2.14	.50	4.19	23.50	55.39	74.
1851, ...	2.07	2.50	4.01	1.50	1.40	18.	6.76	6.	4.73	3.16	2.17	1.97	2.59	7.04	4.	5.68	5.50	2.30	5.50	43.88	43.
1852, ...	5.44	17.	2.46	11.50	3.42	13.75	10.77	23.	3.15	3.53	3.42	11.38	3.36	3.89	–	5.88	4.	4.78	4.	61.48	73.25
1853, ...	3.04	10.	8.09	11.	3.60	8.	4.92	–	5.45	1.01	3.29	10.71	5.26	6.20	–	5.30	–	3.79	20.50	60.66	49.50
1854, ...	2.82	7.50	6.62	15.50	3.45	–	6.69	10.	6.78	3.05	5.68	.35	5.53	5.03	–	9.82	2.50	3.34	15.50	59.16	51.
1855, ...	8.11	9.	4.48	8.	.23	4	5.39	–	1.64	4.19	9.40	4.06	.20	8.17	–	5.85	2.	6.90	11.	58.62	34.

1856, ...	4.60	27.50	1.35	9.	1.69	10.25	3.34	–	6.55	1.44	2.68	13.14	3.39	2.65	–	2.03	2.50	4.08	3.	46.94	52.25
1857, ...	4.48	29.	2.24	6.50	2.80	11.75	8.77	–	4.56	3.44	3.80	5.75	4.92	3.93	–	3.12	–	6.11	8.	53.92	55.25
1858, ...	3 06	8.50	1.10	4.50	2.29	–	4.14	5.	4.13	5.16	4.18	4.	5.70	3.09	–	1.69	4.62	3.19	6.25	41.73	28.87
1859, ...	5.75	24.50	3.67	18.75	7.71	4.75	2.90	1.	3.65	5.17	1.26	5.45	4.	2.46	–	3.	–	4.55	19.	49.57	68.
1860, ...	1.34	14.75	2.77	20.	2.26	6.75	1.36	–	2.66	6.65	7.91	5.76	6.02	2.47	–	4.38	–	5.05	16.75	48.63	58.25
1861, ...	4.33	28.25	1.60	.50	2.85	15.	5.71	13.	3.50	2.46	5.29	3.99	3.11	3 38	–	3.93	2.75	1.81	3.	41.96	62.50
1862, ...	4.47	23.50	2.44	10.	3.51	3.	2.34	1.	1.87	7.44	6.10	2.64	2.14	3.22	–	5.35	3.	2.50	20.75	44.02	61.25
1863, ...	4.09	10.50	3.42	12.	5.78	31.	5.28	5.	1.76	1.18	8.87	3.96	2.56	4.85	–	4.77	–	4.41	11.	50.93	69.50
1864, ...	4.54	4.	1.74	5.75	3.90	10.5	5.66	11.5	5.96	2.4	1.68	3.11	2.93	4.29	–	4.81	–	3.67	15.25	44.33	46.10
1865, ...	3.92	15.50	3.26	.85	4.72	–	2.51	–	5.33	1.72	3.37	3.39	.68	.51	–	2.36	–	2.75	8.3	34.52	24.65
1866, ...	2.56	13.	5.27	1.75	3.18	5.	2.09	–	5.33	3.40	3.78	3 22	4.77	2.37	–	2.51	–	3.73	15.	42.15	34.75
1867, ...	5.16	44.	4.42	9.50	4.40	22.	2.56	–	4.91	3.32	3.36	10.79	1.97	3.79	–	2.19	1.7	2.07	14.75	59.14	118.95
1868, ...	3.27	27.	1.53	8.75	2.82	8.5	5.18	16.75	8.3	3.08	1.08	3.57	8.6	1.14	–	4.24	2.25	1.85	11.00	44.66	75.25
1869, ...	2.82	11.50	5.49	16.80	4.83	11.50	2.52	1.50	5.77	3.08	1.40	2.21	4.74	–	–	–	–	–	–	–	–
Sums, . . .	110.79	425.00	92.14	340.65	102.36	299.25	115.35	129.25	128.61	93.41	110.57	144.64	108.58	110.75	4.	113.92	65.07	106.22	356.05	1355.57	1681.47
Means, . . .	3.82	14.65	3.18	11.75	3.53	10.32	4.00	4.46	4.43	3.22	3.81	5.00	3.74	3.82	.14	3.93	2.24	3.66	12.28	46.74	58.00

Flowering Season on Hospital Hill for Thirty-One Years.

Trees, Shrubs, etc.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.
Almond, Flowering, .	May 10	May 13	May 25	–	May 25	May 4	May 10	May 6	May 15	May 12	May 23	May 23	May 15	May 18	May 15	May 20	May 19
Apple, . . .	10	11	24	May 9	14	2	8	4	22	9	18	18	14	17	10	14	15
Arbutus, Trailing, .	–	–	Apr. 17	M'ch 27	–	Apr. 10	–	Apr. 2	–	Apr. 6	Apr. 13	Apr. 11	Apr. 10	Apr. 13	Apr. 9	Apr. 18	Apr. 15
Ash, Mountain, .	–	30	May 28	–	25	–	23	–	29	–	June 2	June 6	June 1	June 5	May 22	May 30	June 12
Bloodroot, . .	Apr. 18	Apr. 19	8	–	3	–	25	12	1	22	–	–	Apr. 23	May 3	Apr. 26	12	May 12
Calicanthus, . .	–	May 23	June 4	–	29	–	20	May 15	28	–	–	3	May 23	25	J ne 4	June 6	June 4
Cherry, . . .	28	Apr. 25	May 15	Apr. 24	9	21	Apr. 28	Apr. 24	10	29	May 6	May 5	Apr. 29	9	Apr. 30	May 8	May 7
" Wild, . .	May 6	May 2	21	May 5	15	27	May 5	27	–	May 13	19	–	–	10	27	16	14
Crocus, . . .	Apr. 8	Apr. 1	–	April 7	Apr. 15	–	Apr. 12	9	Apr. 24	Apr. 10	Apr. 20	Apr. 10	4	Apr. 9	7	Apr. 10	Apr. 12
Currant, Missouri, .	–	26	16	May 1	May 8	–	25	28	12	28	–	May 6	25	May 12	23	May 7	May 11
Dandelion, . .	–	23	1	Apr. 16	9	23	23	19	10	15	29	Apr. 15	22	3	22	10	Apr. 17
Daphne Mezereon, .	–	–	–	–	–	8	M'ch 29	3	20	3	2	6	M'ch 30	Apr. 14	8	Apr. 20	24
Fever Bush, . .	–	20	8	May 1	–	17	Apr. 29	–	May 2	–	–	–	–	May 11	30	May 8	30
Geranium Maculat., .	May 21	May 18	28	–	28	–	May 22	May 16	25	May 19	May 24	May 30	May 18	28	May 22	30	May 23
Honeysuckle, Tart., .	–	16	27	14	25	–	15	13	27	16	–	3	–	24	13	30	23
Horse-Chestnut, .	–	20	–	–	21	–	15	–	–	June 12	24	22	19	28	17	June 2	20
Hyacinth, . . .	–	–	–	–	Apr. 29	–	1	Apr. 22	12	Apr. 14	Apr. 23	Apr. 18	Apr. 12	4	Apr. 25	May 6	16
Leatherwood, . .	Apr. 16	Apr. 16	Apr. 24	Apr. 12	25	16	Apr. 21	13	Apr. 25	–	7	May 13	–	12	29	6	10
Lilac, . . .	May 16	May 16	May 27	–	May 24	May 4	May 15	May 8	May 25	May 17	May 24	28	May 18	27	May 17	22	20
" Persian, . .	18	–	30	–	20	–	19	17	–	21	June 3	June 27	25	24	19	26	17
Liverwort, . .	Apr. 9	Apr. 10	Apr. 23	11	Apr. 30	–	–	Apr. 15	9	Apr. 24	Apr. 30	Apr. 26	Apr. 22	Apr. 25	Apr. 23	Apr. 30	2
Maple, Red, . .	–	19	25	May 3	28	Apr. 12	Apr. 21	10	Apr. 21	16	11	23	May 2	28	11	23	Apr. 19
Narcissus, . . .	–	May 19	May 27	–	–	–	–	–	–	May 17	May 5	May 27	19	May 29	May 26	May 28	30
Peach, . . .	May 4	1	19	Apr. 22	May 12	24	May 1	25	May 11	Apr. 26	7	6	15	11	Apr. 30	9	8
Pyrus Japonica, .	–	–	–	–	14	26	3	23	11	May 6	3	6	Apr. 30	9	30	10	1
Rose, Russian, . .	June 2	June 3	–	–	–	May 15	22	May 17	June 5	23	June 6	June 8	May 24	June 9	June 2	June 6	June 4
" Scotch, . .	May 27	May 26	–	–	–	–	20	–	–	27	14	14	June 6	20	6	10	6
Shad Bush, . .	2	Apr. 27	–	29	13	Apr. 20	4	Apr. 27	May 9	5	May 7	May 7	May 6	Apr. 28	May 4	May 30	May 26
Violet, Blue, . .	–	–	–	–	1	May 15	–	27	9	Apr. 25	2	8	–	May 6	Apr. 24	12	10
Wind Flower, . .	Apr. 19	24	7	23	Apr. 18	–	–	9	–	–	–	–	Apr. 24	1	23	Apr. 30	3

Flowering Season, &c.—Concluded.

Trees, Shrubs, etc.	1856.	1857.	1858.	1859.	1860.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.
Almond, Flowering,	May 22	May 25	May 17	May 8	May 10	–	–	–	May 19	May 3	May 20	May 25	May 5	May 4
Apple,	17	2	15	10	11	May 24	May 18	–	14	7	10	21	22	17
Arbutus, Trailing,	Apr. 23	April 2	Feb. 13	April 2	April 4	Apr. 11	Apr. 10	Apr. 18	Mar. 28	Mar. 30	Apr. 2	Apr. 13	Apr. 13	Apr. 7
Ash, Mountain,	May 31	June 3	–	May 26	June 1	May 30	May 27	May 28	May 28	May 10	–	June 12	May 25	May 20
Bloodroot,	–	May 13	Apr. 26	4	May 3	–	4	5	3	Apr. 25	15	Apr. 20	15	2
Calicanthus,	20	June 5	–	25	19	28	26	23	27	May 17	May 21	May 28	June 1	28
Cherry,	8	May 9	May 1	4	4	–	9	3	Apr. 29	Apr. 25	28	20	May 3	7
" Wild,	13	3	10	–	–	12	–	–	May 7	May 2	–	13	20	11
Crocus,	Apr. 6	Mar. 23	April 1	–	Apr. 14	Apr. 12	Apr. 15	Apr. 13	Mar. 24	Mar. 21	Mar. 30	Apr. 4	Apr. 4	Apr. 7
Currant, Missouri,	May 14	May 2	May 7	5	May 3	May 14	May 10	May 16	May 16	Apr. 28	Apr. 12	May 18	May 11	25
Dandelion,	2	Apr. 16	April 6	Mar. 31	Apr. 23	Apr. 25	Apr. 27	Apr. 24	Mar. 27	3	7	2	Apr. 4	11
Daphne Mezereon,	Apr. 16	Mar. 31	3	Apr. 13	6	11	17	13	Apr. 7	2	11	Apr. 20	17	20
Fever Bush,	May 3	–	–	–	–	–	–	–	28	20	–	May 13	May 31	May 3
Geranium Maculatum,	June 1	May 29	–	May 24	May 23	June 4	May 25	May 20	May 21	May 17	–	28	–	12
Honeysuckle, Tart.,	May 25	27	May 25	22	18	–	26	26	23	20	May 4	June 2	May 31	31
Horse-Chestnut,	24	26	28	22	23	May 28	22	20	21	18	–	3	June 4	June 1
Hyacinth,	Apr. 17	–	–	–	Apr. 22	–	–	–	Apr. 18	Apr. 15	Apr. 21	May 2	May 2	May 1
Leatherwood,	–	–	–	–	–	–	–	–	20	10	–	28	11	10
Lilac,	May 24	26	16	17	May 18	26	20	20	May 21	May 15	May 10	June 3	27	28
" Persian,	31	–	–	26	20	June 8	31	26	31	20	–	7	31	30
Liverwort,	Apr. 19	–	–	–	–	Apr. 17	–	–	Apr. 21	Apr. 16	Apr. 25	Apr. 13	May 5	Apr. 30
Maple, Red,	2	2	April 1	Apr. 24	April 8	–	Apr. 20	Apr. 23	19	Mar. 25	11	30	Apr. 21	20
Narcissus,	18	May 22	–	–	–	–	–	–	May 17	May 12	–	June 16	May 17	May 14
Peach,	13	14	28	–	May 5	–	May 18	–	16	2	–	May 13	14	9
Pyrus Japonica,	12	15	May 1	May 7	5	May 16	11	May 10	8	Apr. 27	May 3	23	16	8
Rose, Russian,	June 3	June 12	–	31	31	June 8	28	28	27	May 17	–	June 12	June 11	30
" Scotch,	10	27	–	–	–	–	–	–	19	11	–	22	16	June 1
Shad Bush,	May 16	May 22	Apr. 30	6	7	May 12	11	10	8	Apr. 25	12	May 12	May 20	May 8
Violet, Blue,	Apr. 15	5	May 5	4	Apr. 28	9	Apr. 27	12	5	23	Apr. 25	10	9	Apr. 21
Wind Flower,	May 5	12	Apr. 29	4	–	Apr. 28	27	Apr. 27	Apr. 21	17	22	Apr. 25	Apr. 20	22

APPENDIX.

FORMS CONCERNING ADMISSION TO THE HOSPITAL.

PETITION.

[The applicant must answer in writing the printed interrogations accompanying this blank.]

To the Honorable the Judge of the Probate Court, in and for the County of :

of on oath complains that of , in said county of , is an insane person, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

Wherefore, h prays that said may be committed to the said Worcester Lunatic Hospital according to law.

, ss. A. D. 186 .

Then the above named made oath that the above complaint, by h subscribed, is true.

Before me, Justice of the Peace.

I, the subscriber, one of the selectmen of where said resides, hereby acknowledge that notice has been given to me of the intention to present the foregoing complaint and application.

To the Honorable the Judge of the Probate Court, in and for the County of :

The subscriber, having made application to your honor for the commitment of to the Worcester Lunatic Hospital, as a lunatic, now presents the following statement in answer to interrogatories:—

What is the age of the lunatic? Ans.

Birthplace? Ans.

Civil condition of lunatic? Ans.

Occupation? Ans.

Supposed cause of disease? Ans.

Duration? Ans.

Character—whether mild, violent or dangerous? Ans.

Homicidal or suicidal? Ans.

Paralytic or epileptic? Ans.

Previous existence of insanity in the lunatic? Ans.

Previous or present insanity in any of the family? Ans.

Habits in regard to temperance? Ans.

Whether he has been in any lunatic hospital; if so, what one, when, and how long? Ans.

(If a woman.) Has she ever borne any children? Ans.

(If a woman.) How long since the birth of her last child? Ans.

Name and post-office address of some of the nearest relatives or friends? Ans.

What facts show whether h has or has not a settlement, and where, if anywhere, in this State? Ans.

[For the law relating to settlement, see Gen. Stat., chap. 69.]

Applicant.

PHYSICIANS' CERTIFICATE.

The subscribers, respectable physicians of in the county of , having made due inquiry and personal examination of named in the foregoing application, within one week prior to the date hereof, certify that the said is insane, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

A. D. 186 .

, ss. A. D. 186 .

Then the above named made oath that the above certificate is true.

Justice of the Peace.

Commonwealth of Massachusetts.

ss. At , in said county on the day of A. D. 186 .

On the application of for the commitment of of in said county, to the Worcester Lunatic Hospital, ; notice in writing having been given by said applicant to one of the selectmen of where said resides, of h intention to make said application, and said having been duly notified of the time and place appointed for hearing, it appears, upon a full hearing, that said is an insane person, and a proper subject for the treatment and custody of the Worcester Lunatic Hospital.

Wherefore it is ordered that said be committed to the said Worcester Lunatic Hospital.

Judge of Probate Court.

FORM OF OVERSEERS' BOND.

Worcester Lunatic Hospital.

Whereas, of , in the county of , has been admitted a boarder in the Worcester Lunatic Hospital, , a majority of the Overseers of the Poor of the town of , in the county of , in behalf of the inhabitants of said town, do hereby promise Treasurer of said Hospital, to pay him, or his successor in said office, the rate of board which may, from time to time, be determined by the Trustees of said hospital, for said patient, so long as h shall continue a boarder in said hospital, with such extra charges as may be occasioned by h requiring more than ordinary care and attention, to provide for h suitable clothing, and to pay for all such necessary articles of clothing as shall be procured for h by the Steward of the hospital, and to remove h from said hospital whenever the room occupied by h shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said hospital: Also to pay not exceeding fifty dollars for all damages h may do to the furniture and other property of said hospital, and for reasonable charges in case of elopement, and funeral charges in case of death. Payment to be made quarterly, and at the time of removal, with interest on each bill from and after the time it becomes due.

Witness our hands this day of

Attest. (Signed,)

Overseers of the Poor of the Town of

FORM OF PRIVATE BOND.

Worcester Lunatic Hospital.

Whereas, , of , in the county of , as Principal, and of , in the county of , as surety, do hereby jointly and severally promise Treasurer of said hospital, to pay him or his successor in said office, the rate of board which may, from time to time, be determined by the Trustees of said hospital, for said patient, so long as h shall continue a boarder in said hospital, with such extra charges as may be occasioned by h requiring more than ordinary care and attention; to provide for h suitable clothing, and to pay for all such necessary articles of clothing as shall be procured for h by the Steward of the hospital, and to remove h from said hospital whenever the room occupied by h shall be required for a class of patients having preference by law, or in the opinion of the Superintendent, to be received into said hospital. Also to pay, not exceeding fifty dollars, for all damages h may do the furniture and other property of said hospital, and for reason-

able charges in case of elopement, and funeral charges in case of death. Payment to be made quarterly, and at the time of removal, with interest on each bill from and after the time it becomes due.

Witness our hands this day of , A. D. 186 .

, *Principal.*
, *Surety.*

Patients will be received into the hospital at any time, if the following conditions are complied with:

If the patient is in indigent circumstances, and has no settlement in any town in the Commonwealth, the Probate Court, or if in the city of Boston, the Superior Court, will issue a warrant for the commitment of the patient to the hospital. The State will then pay the cost of support, and the county from which the patient is sent will pay the expenses of the commitment.

If the patient is in indigent circumstances, and has a settlement in any town in the Commonwealth, the Overseers of the Poor of that town may give a bond for the support of the patient. Or, when this is inconvenient, an application may be made to the Probate Court of the county where the patient resides, and a warrant will be issued for the commitment of the patient to the hospital, and the town will be held responsible for the support of the patient.

In all other cases a bond from responsible persons, as principal and surety, will be required for the expenses of the patient while in the hospital.

In all cases, before admission to the hospital, two physicians, one of whom shall be the family physician, must certify that the patient is insane.

All necessary clothing must be supplied by the friends of the patients.

Clothing will be supplied at the hospital, if desirable, and charged in the bills at cost.

Damages done to the furniture and other property to the amount of fifty dollars may also be charged.

Reasonable charges will be made in case of elopement, and funeral charge in case of death.

All bills are collected by the Treasurer quarterly, or interest charged on the same after becoming due.

Bills become due on the first of January, April, July and October, and when the patient leaves the hospital.